



**TRI
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TRIMOTERM FTV
LOAD SPAN TABLES

For façade designers and general contractors!

Trimoterm FTV load span tables.

Descriptions of details, and other information in this document, are only provided to illustrate the system(s) of Trimoterm cladding products and applications. Each user of such information is fully responsible for the incorporation of this advisory information in its design.

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CE1.2	Trimoterm PERFORM C FTV-80/1000 SS
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CE1.4	Trimoterm PERFORM C FTV-120/1000 SS
CE1.5	Trimoterm PERFORM C FTV-133/1000 SS
CE1.6	Trimoterm PERFORM C FTV-150/1000 SS
CE1.7	Trimoterm PERFORM C FTV-172/1000 SS
CE1.8	Trimoterm PERFORM C FTV-200/1000 SS
CE1.9	Trimoterm PERFORM C FTV-240/1000 SS
CE1.10	Trimoterm PERFORM C FTV-250/1000 SS

CE2 Panel group Trimoterm POWER S

CE2.1	Trimoterm POWER S FTV-60/1000 SS
CE2.2	Trimoterm POWER S FTV-80/1000 SS
CE2.3	Trimoterm POWER S FTV-100/1000 SS
CE2.4	Trimoterm POWER S FTV-120/1000 SS
CE2.5	Trimoterm POWER S FTV-133/1000 SS
CE2.6	Trimoterm POWER S FTV-150/1000 SS
CE2.7	Trimoterm POWER S FTV-172/1000 SS
CE2.8	Trimoterm POWER S FTV-200/1000 SS
CE2.9	Trimoterm POWER S FTV-240/1000 SS
CE2.10	Trimoterm POWER S FTV-250/1000 SS

CE3 Panel group Trimoterm POWER T

CE3.1	Trimoterm POWER T FTV-60/1000 SS
CE3.2	Trimoterm POWER T FTV-80/1000 SS
CE3.3	Trimoterm POWER T FTV-100/1000 SS
CE3.4	Trimoterm POWER T FTV-120/1000 SS
CE3.5	Trimoterm POWER T FTV-133/1000 SS
CE3.6	Trimoterm POWER T FTV-150/1000 SS
CE3.7	Trimoterm POWER T FTV-172/1000 SS
CE3.8	Trimoterm POWER T FTV-200/1000 SS
CE3.9	Trimoterm POWER T FTV-240/1000 SS
CE3.10	Trimoterm POWER T FTV-250/1000 SS

CE3 Panel group Trimoterm POWER T

CE3.1	Trimoterm SOUND T FTV-AC-60/1000 SS
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FR1 Panel group Trimoterm POWER S

FR1.1	Trimoterm POWER S FTV-60/1000 SS
FR1.2	Trimoterm POWER S FTV-80/1000 SS
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FR1.9	Trimoterm POWER S FTV-240/1000 SS
FR1.10	Trimoterm POWER S FTV-250/1000 SS



A General

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A1 General guidance for the use of load span tables

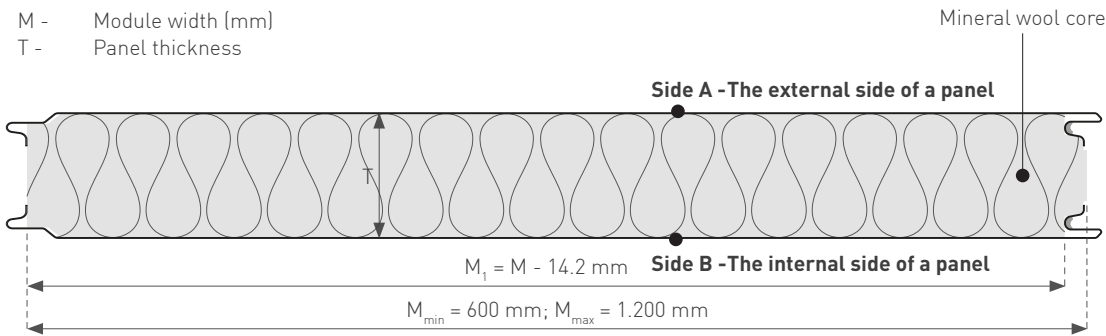
A1.1 Purpose and scope of the document

This document provides load span tables for Trimoterm FTV sandwich panels used in external walls, internal walls, ceilings, and flat roofs.

It is intended to support panel selection and preliminary structural design for defined load conditions. The document is intended for structural engineers and other qualified professionals involved in the design of building envelope and internal partition systems.

Sandwich panel cross-sections

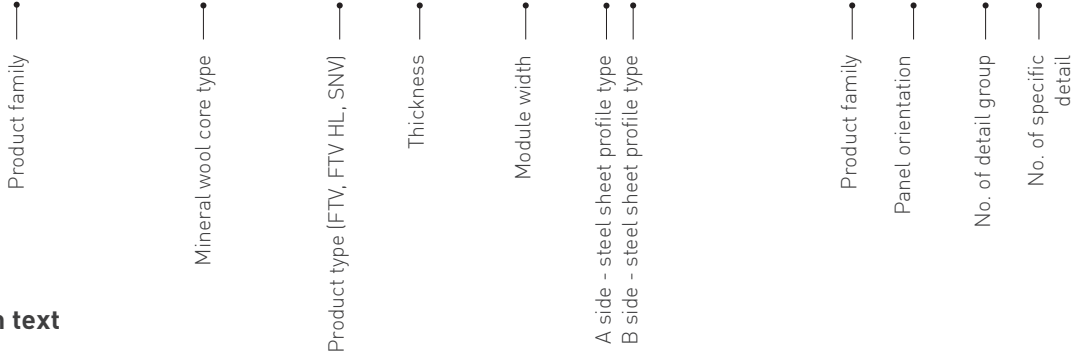
- M - Module width (mm)
- T - Panel thickness



Sandwich panel marking

Trimoterm Power T FTV-60/1000 MS

TE-H-01.02



Specification text

Trimoterm Power T FTV-60/1000 MS
 External: 0.55 mm SP 25 µm ANTHRACITE
 Internal: 0.50 mm SP 25 µm GREY WHITE





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A1.2 Document structure

The document is divided into sections according to the main application of the panel system. Each section contains load span tables for the relevant application, core type and panel thickness.

- **External wall / façade application**

Load span tables considering panels subjected to wind pressure and suction, combined with temperature differences dependent on the defined colour group.

- **Internal wall application**

Load span tables considering reduced wind actions and temperature gradients that may occur between adjacent internal spaces.

- **Ceiling application**

Load span tables considering the panel's own weight, wind action, temperature gradients and, where applicable, additional loads due to maintenance access.

- **Flat roof application**

Load span tables considering the panel's own weight, snow load, self-weight of the panel and additional permanent loads from roof build-up layers.

1.3 Basis of the load span tables

The load span tables are based on defined calculation assumptions, load combinations, and structural criteria.

1. The maximum allowable spans were calculated using the relevant combination coefficients and load factors in accordance with EN 14509, Annex E - Table E.6 and Table E.8
2. The tables include characteristic loads (qk) defined in accordance with applicable national regulations and relevant design standards.
3. The tabulated values are based on the most unfavourable load combination, with maximum deformation in accordance with EN 14509, Annex E.5.4.
Deformation is limited to:
 - L/100 for façade and internal walls
 - L/200 for ceilings and roofs
4. The tables are based on uniformly distributed load.
5. Colour groups are defined in accordance with EN 14509, Annex E.3.3.

Group I (Light):

High light reflectance resulting in lower temperature differentials.

Group II (Bright):

Intermediate colour, moderate heat absorption.

Group III (Dark):

Low light reflectance, higher heat absorption, potentially leading to increased bowing (deflection) and stress.

6. The tabulated values were prepared by Trimo Certification using SandStat 4 calculation software.

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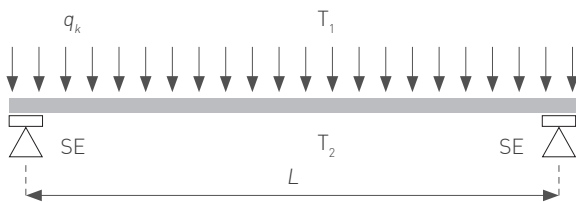
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A1.4 Limitations and conditions of use

The tables in this document may be used only for the applications described herein and only under the conditions specified below.

1. The tables are intended as reference data for preliminary design and do not replace project-specific structural verification.
2. For double- and multi-span systems, the tables are applicable only where approximately equal span distances are used.
3. The tables are valid for buildings with normal internal atmosphere and are not intended for cold stores, deep-freeze stores, or ripening rooms.
4. Fastener design, including the effects of wind suction and screw head movement, shall be verified separately.
5. For complete technical product data, the relevant Declaration of Performance (DoP) shall be consulted.

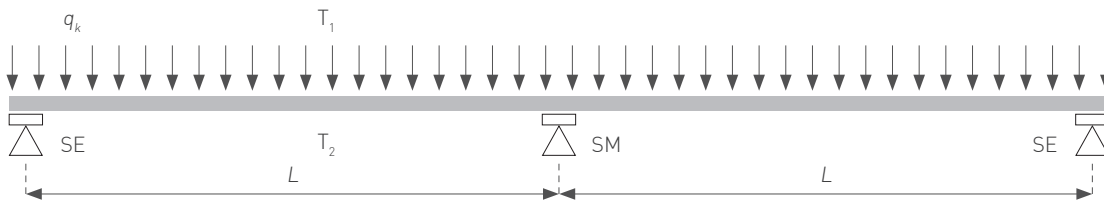
A1.5 Static system, support conditions, and load definitions



$$q_k = w_k + (\psi_0) \times q_{snow,k} \quad \text{or} \quad q_k = q_{snow,k} + (\psi_0) \times w_k$$

$$w_k = (c_{pe} - c_{pi}) \times q_{p(z)}$$

$$q_{snow,k} = \mu_i \times s_k$$



- ψ_0 - combination factor (secondary load=0,6)
- w_k - characteristic wind load
- $q_{snow,k}$ - characteristic snow load
- SE - end support
- SM - middle support
- T1, T2 - surface temperature

JOINT TYPE | STANDARD



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A1.6 How to read the load span tables

For easier navigation between the tables, we recommend using the index provided on the opening pages. To quickly switch between panel thicknesses, a button bar is available; select the required thickness by clicking the corresponding button.



Trimoterm PERFORM C FTV-80/1000 MS; external: 0,60 mm internal: 0,50 mm

Structural system	No. of spans	Colour Group	WIND PRESSURE [kN/m ²]											< width of end support [mm]		
			+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75		+ 3,00	
	1	1	40	40	40	40	40	40	40	40	40	40	40	40	40	< width of end support [mm]
			2,97	2,58	2,37	2,22	2,12	2,03	1,92	1,68	1,49	1,34	1,22	1,12	< width of intermediate support [mm]	

The span table helps designers determine the maximum allowable distance between panel supports based on load conditions and panel type. When comparing allowed span distances under wind pressure and wind suction, the lower value must be used.

From wind pressure table:

46 Required end support width [mm]

5.65 Maximum allowed span distances [m]

92 Required middle support width [mm]

From wind suction table:

6.05 Maximum allowed span distances [m]

Maximum allowed span distances = 5.65 m

Linear interpolation between adjacent load and span values is permitted where required.

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A1.7 Dimensioning Example

Example 1

We have a **Trimoterm Perform C FTV 60/1000 MS**, colour group II. façade panel and wind pressure load of $w_k = 1.10 \text{ kN/m}^2$.

The panel will be fixed at three supports, meaning that it is considered a **double span system**.

Question:

What is the **maximum permissible distance between supports** for this panel type and the given loading conditions?

$$q_k = w_k + (\psi_0) \times q_{snow,k} = 1,10$$

$$q_{k,1} = 1,00 \rightarrow L_{1,max} : 2,22 \text{ m}$$

$$q_{k,2} = 1,25 \rightarrow L_{2,max} : 2,12 \text{ m}$$

$$L_{max} = \frac{(q_k - q_{k1}) (L2 - L1)}{(q_{k2} - q_{k1})} + L1 = \frac{(1,10 - 1,00) (2,12 - 2,22)}{(1,25 - 1,00)} + 2,22 = \mathbf{2,18 \text{ m}}$$

Example 2

We have a **Trimoterm Power S FTV 100/1000 SS** roof panel installed as part of a roof system. The characteristic snow load is **1.0 kN/m²** and the wind pressure load is **0.30 kN/m²**.

The panel is considered a **single span system**, with supports only at the beginning and end of the panel.

Question:

What is the **maximum allowable span** for the given panel type and loading conditions?

$$q_k = q_{snow,k} + (\psi_0) \times w_k = 1,0 + (0,6) \times 0,3 = 1,18$$

$$q_{k,1} = 1,00 \rightarrow L_{1,max} : 3,74 \text{ m}$$

$$q_{k,2} = 1,25 \rightarrow L_{2,max} : 3,12 \text{ m}$$

$$L_{max} = \frac{(q_k - q_{k1}) (L2 - L1)}{(q_{k2} - q_{k1})} + L1 = \frac{(1,18 - 1,00) (3,12 - 3,74)}{(1,25 - 1,00)} + 3,74 = \mathbf{3,29 \text{ m}}$$



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A2 Trimo technical support (advanced static calculation)

Trimo provides technical support for sandwich panel design, including project specific static calculations. To enable accurate structural verification, the information listed below shall be provided.

1. Intended assembly type and geometrical dimension

- Intended use type: roof, ceiling, external wall, internal wall
- horizontal / vertical assembly, wall / roof declination angle
- loadbearing structure material, support spacing, support width, structural system, etc.

2. Intended building use

3. External loads

- Wind load (location, terrain category, building geometry, building form, closed / open building)
- Snow load (location, snow load category, location altitude, building geometry, building form)
- Temperature load (external sheet colour tone, external temperatures, internal temperatures)

4. Additional loads

- Long-term and/or occasional loads: man load, equipment load, impact loads etc
- External load definition process and calculations are given in EUROCODE standards – see EN 1991-1-3 and EN 1991-1-4 – including national Annexes. If the building is located in other countries, national standards or customer requirements must be observed.

Design standards / rules

Trimo performs sandwich panel design based on standard EN 1090:2010-12 and EN 14509:2013 product standard with defined safety / load combination factors and load combinations rules (see EN 14509 – annex E).

On request, design variations based on national legislation, such as German Technical Approval + DIN EN 14509, European Recommendations for Sandwich Panels (ECCS), Dutch Norm NEN 6702 + NEN EN 1990/ NB 2011, French NF EN 14509 – complement national, Sweden SS EN 1990/NB 2002 etc., are available.

Design tools

For sandwich panel static design, a specially developed software package called SandStat 4 is used. On request, print outs of calculation results and fastening element verification are available for evidence or for further checking by experts.

Sandwich panel design under fire load

If sandwich panels are used as fire resistance elements, it is necessary, in addition to standard static design, to check limit values of span lengths for the requested fire resistance. These values are written in the extended application of fire resistance test report document based on the EN 15254-5 norm.



Trimo's technical support service provides comprehensive assistance throughout the entire duration of the project. Contact Trimo technical support by e-mail or phone: technical@trimo-group.com, +386 (0)7 34 60 200.



TRIMOTERM FTV

LOAD SPAN TABLES FOR EXTERNAL FAÇADE



EX

Load span tables



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EX1 Panel group Trimoterm PERFORM C

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. : $(T_2 - T_1)_{\text{summer}} = +30^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$
 Colour Group II. : $(T_2 - T_1)_{\text{summer}} = +40^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$
 Colour Group III. : $(T_2 - T_1)_{\text{summer}} = +55^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-60/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75		+ 3,00
1 	1	40 6,95	40 5,05	40 4,12	40 3,35	40 2,68	40 2,23	40 1,91	40 1,68	40 1,49	40 1,34	40 1,22	40 1,12	< width of end support
	2	40 6,95	40 5,05	40 4,12	40 3,35	40 2,68	40 2,23	40 1,91	40 1,68	40 1,49	40 1,34	40 1,22	40 1,12	< width of end support
	3	40 6,94	40 5,05	40 4,12	40 3,35	40 2,68	40 2,23	40 1,91	40 1,68	40 1,49	40 1,34	40 1,22	40 1,12	< width of end support
2 	1	40 2,97	40 2,58	40 2,37	40 2,22	40 2,12	40 2,03	40 1,92	40 1,68	40 1,49	40 1,34	40 1,22	40 1,12	< width of end support
	2	60 2,97	60 2,58	60 2,37	60 2,22	60 2,12	60 2,03	66 1,92	74 1,68	74 1,49	74 1,34	74 1,22	74 1,12	< width of intermediate support < width of end support
	3	60 1,51	60 1,51	60 1,51	60 1,51	60 1,51	60 1,51	60 1,51	60 1,51	65 1,49	74 1,34	74 1,22	74 1,12	< width of intermediate support < width of end support
3 	1	40 5,01	40 3,69	40 3,11	40 2,77	40 2,54	40 2,23	40 1,92	40 1,67	40 1,49	40 1,34	40 1,22	40 1,12	< width of intermediate support < width of end support
	2	40 5,01	40 3,68	40 3,11	40 2,77	40 2,54	40 2,23	40 1,92	40 1,67	40 1,49	40 1,34	40 1,22	40 1,12	< width of intermediate support < width of end support
	3	40 1,52	40 1,52	40 1,52	40 1,52	40 1,52	40 1,52	40 1,52	40 1,52	40 1,49	40 1,34	40 1,22	40 1,12	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	6,75	4,78	3,90	3,35	2,68	2,23	1,92	1,68	1,49	1,34	1,22	1,12
	2	6,75	4,78	3,90	3,35	2,68	2,23	1,92	1,68	1,49	1,34	1,22	1,12
	3	5,86	4,78	3,90	3,35	2,68	2,23	1,92	1,68	1,49	1,34	1,22	1,12
2 	1	4,89	3,78	3,24	2,92	2,68	2,23	1,92	1,68	1,49	1,34	1,22	1,12
	2	2,71	2,41	2,23	2,11	2,02	1,94	1,88	1,68	1,49	1,34	1,22	1,12
	3	1,48	1,45	1,43	1,40	1,38	1,37	1,35	1,34	1,32	1,31	1,22	1,12
3 	1	6,75	4,78	3,90	3,35	2,68	2,23	1,92	1,68	1,49	1,34	1,22	1,12
	2	4,56	3,40	2,89	2,59	2,38	2,23	1,92	1,68	1,49	1,34	1,22	1,12
	3	1,46	1,42	1,38	1,34	1,32	1,29	1,27	1,25	1,23	1,21	1,20	1,12

JOINT TYPE | STANDARD

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-80/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 8,27	⁴⁰ 5,84	⁴⁰ 4,77	⁴⁵ 4,13	⁴⁹ 3,58	⁴⁹ 2,99	⁴⁹ 2,56	⁴⁹ 2,24	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,50	< width of end support
	2	⁴⁰ 8,27	⁴⁰ 5,84	⁴⁰ 4,77	⁴⁵ 4,13	⁴⁹ 3,58	⁴⁹ 2,99	⁴⁹ 2,56	⁴⁹ 2,24	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,50	< width of end support
	3	⁴⁰ 8,27	⁴⁰ 5,84	⁴⁰ 4,77	⁴⁵ 4,13	⁴⁹ 3,58	⁴⁹ 2,99	⁴⁹ 2,56	⁴⁹ 2,24	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,50	< width of end support
2 	1	⁴⁰ 3,44	⁴⁰ 2,99	⁴⁰ 2,74	⁴⁰ 2,57	⁴⁰ 2,45	⁴⁰ 2,35	⁴³ 2,27	⁴⁸ 2,20	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,50	< width of end support
	2	⁴⁰ 3,44	⁴⁰ 2,99	⁴⁰ 2,74	⁴⁰ 2,57	⁴⁰ 2,45	⁴⁰ 2,35	⁴³ 2,27	⁴⁸ 2,20	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,50	< width of intermediate support < width of end support
	3	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴⁰ 1,74	⁴² 1,74	⁴⁸ 1,74	⁴⁹ 1,63	⁴⁹ 1,50	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,80	⁴⁰ 4,26	⁴⁰ 3,60	⁴⁰ 3,20	⁴⁴ 2,94	⁴⁹ 2,74	⁴⁹ 2,56	⁴⁹ 2,24	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,49	< width of intermediate support < width of end support
	2	⁴⁰ 5,79	⁴⁰ 4,26	⁴⁰ 3,60	⁴⁰ 3,20	⁴⁴ 2,94	⁴⁹ 2,74	⁴⁹ 2,56	⁴⁹ 2,24	⁴⁹ 1,99	⁴⁹ 1,79	⁴⁹ 1,63	⁴⁹ 1,49	< width of intermediate support < width of end support
	3	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴⁰ 1,76	⁴² 1,76	⁴⁸ 1,76	⁴⁹ 1,63	⁴⁹ 1,50	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	7,81	5,52	4,51	3,91	3,49	2,99	2,56	2,24	1,99	1,79	1,63	1,50
	2	7,81	5,52	4,51	3,91	3,49	2,99	2,56	2,24	1,99	1,79	1,63	1,50
	3	7,54	5,52	4,51	3,91	3,49	2,99	2,56	2,24	1,99	1,79	1,63	1,50
2 	1	5,66	4,37	3,75	3,38	3,12	2,94	2,56	2,24	1,99	1,79	1,63	1,50
	2	3,13	2,79	2,58	2,44	2,33	2,25	2,18	2,11	1,99	1,79	1,63	1,50
	3	1,71	1,68	1,65	1,62	1,60	1,58	1,56	1,54	1,53	1,51	1,50	1,48
3 	1	7,81	5,52	4,51	3,91	3,49	2,99	2,56	2,24	1,99	1,79	1,63	1,50
	2	5,28	3,93	3,34	3,00	2,76	2,58	2,45	2,24	1,99	1,79	1,63	1,49
	3	1,69	1,64	1,59	1,56	1,52	1,49	1,47	1,44	1,42	1,40	1,39	1,37

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-100/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	9,25 ⁴⁰	6,54 ⁴⁰	5,34 ⁴⁰	4,63 ⁴⁹	4,14 ⁵⁶	3,75 ⁶²	3,21 ⁶²	2,81 ⁶²	2,50 ⁶²	2,25 ⁶²	2,04 ⁶²	1,87 ⁶²	< width of end support
	2	9,25 ⁴⁰	6,54 ⁴⁰	5,34 ⁴⁰	4,63 ⁴⁹	4,14 ⁵⁶	3,75 ⁶²	3,21 ⁶²	2,81 ⁶²	2,50 ⁶²	2,25 ⁶²	2,04 ⁶²	1,87 ⁶²	< width of end support
	3	9,25 ⁴⁰	6,54 ⁴⁰	5,34 ⁴⁰	4,63 ⁴⁹	4,14 ⁵⁶	3,75 ⁶²	3,21 ⁶²	2,81 ⁶²	2,50 ⁶²	2,25 ⁶²	2,04 ⁶²	1,87 ⁶²	< width of end support
2 	1	3,84 ⁴⁰	3,34 ⁴⁰	3,07 ⁴⁰	2,88 ⁴⁰	2,74 ⁴⁰	2,63 ⁴⁰	2,54 ⁴⁶	2,46 ⁵³	2,40 ⁵⁹	2,25 ⁶²	2,04 ⁶²	1,87 ⁶²	< width of end support
	2	3,84 ⁶⁰	3,34 ⁶⁰	3,06 ⁶⁰	2,88 ⁶⁰	2,74 ⁶⁵	2,63 ⁷⁹	2,54 ⁹²	2,46 ¹⁰⁵	2,40 ¹¹⁸	2,25 ¹²⁴	2,04 ¹²⁴	1,87 ¹²⁴	< width of intermediate support < width of end support
	3	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁰	1,95 ⁴⁵	1,95 ⁵²	1,95 ⁵⁸	1,87 ⁶²	< width of intermediate support < width of end support
3 	1	6,49 ⁴⁰	4,77 ⁴⁰	4,03 ⁴⁰	3,59 ⁴⁰	3,28 ⁴²	3,06 ⁴⁸	2,89 ⁵⁴	2,76 ⁶¹	2,50 ⁶²	2,25 ⁶²	2,04 ⁶²	1,87 ⁶²	< width of intermediate support < width of end support
	2	6,48 ⁶⁰	4,77 ⁶⁰	4,03 ⁶⁰	3,59 ⁶⁰	3,28 ⁸³	3,06 ⁹⁶	2,89 ¹⁰⁹	2,76 ¹²¹	2,50 ¹²⁴	2,25 ¹²⁴	2,04 ¹²⁴	1,87 ¹²⁴	< width of intermediate support < width of end support
	3	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁰	1,97 ⁴⁶	1,97 ⁵³	1,97 ⁵⁹	1,87 ⁶²	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]												
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00	
1 	1	8,74	6,18	5,05	4,37	3,91	3,57	3,21	2,81	2,50	2,25	2,04	1,87	
	2	8,74	6,18	5,05	4,37	3,91	3,57	3,21	2,81	2,50	2,25	2,04	1,87	
	3	8,74	6,18	5,05	4,37	3,91	3,57	3,21	2,81	2,50	2,25	2,04	1,87	
2 	1	6,33	4,89	4,19	3,78	3,50	3,29	3,12	2,81	2,50	2,25	2,04	1,87	
	2	3,50	3,12	2,89	2,73	2,61	2,52	2,44	2,37	2,31	2,25	2,04	1,87	
	3	1,91	1,88	1,84	1,82	1,79	1,77	1,75	1,73	1,71	1,69	1,68	1,66	
3 	1	8,74	6,18	5,05	4,37	3,91	3,57	3,21	2,81	2,50	2,25	2,04	1,87	
	2	5,90	4,40	3,74	3,35	3,08	2,89	2,74	2,61	2,50	2,25	2,04	1,87	
	3	1,89	1,83	1,78	1,74	1,70	1,67	1,64	1,62	1,59	1,57	1,55	1,53	

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-120/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 10,14	40 7,17	45 5,86	54 5,07	63 4,54	70 4,14	77 3,83	77 3,37	77 3,00	77 2,70	77 2,45	77 2,25	< width of end support
	2	40 10,14	40 7,17	45 5,86	54 5,07	63 4,54	70 4,14	77 3,83	77 3,37	77 3,00	77 2,70	77 2,45	77 2,25	< width of end support
	3	40 10,14	40 7,17	45 5,86	54 5,07	63 4,54	70 4,14	77 3,83	77 3,37	77 3,00	77 2,70	77 2,45	77 2,25	< width of end support
2 	1	40 4,22	40 3,66	40 3,36	40 3,16	40 3,00	44 2,88	52 2,78	59 2,70	66 2,63	73 2,56	77 2,46	77 2,25	< width of end support
	2	60 4,22	60 3,66	60 3,36	60 3,16	60 3,00	73 2,88	89 2,78	103 2,70	118 2,63	132 2,56	145 2,46	154 2,25	< width of intermediate support < width of end support
	3	60 2,14	60 2,14	60 2,14	60 2,14	60 2,14	60 2,14	60 2,14	73 2,14	87 2,14	102 2,14	116 2,14	131 2,14	145 2,14
3 	1	40 7,11	40 5,23	40 4,41	40 3,93	47 3,60	54 3,36	61 3,17	68 3,02	74 2,90	77 2,70	77 2,46	77 2,25	< width of end support
	2	60 7,11	60 5,23	61 4,41	60 3,93	60 3,60	60 3,36	61 3,17	68 3,02	74 2,90	77 2,70	77 2,46	77 2,25	< width of intermediate support < width of end support
	3	60 2,16	60 2,16	60 2,16	60 2,16	60 2,16	60 2,16	60 2,16	60 2,16	74 2,16	89 2,16	103 2,16	118 2,16	132 2,16

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	9,59	6,78	5,54	4,79	4,29	3,91	3,62	3,38	3,00	2,70	2,46	2,25
	2	9,59	6,78	5,54	4,79	4,29	3,91	3,62	3,38	3,00	2,70	2,46	2,25
	3	9,59	6,78	5,54	4,79	4,29	3,91	3,62	3,38	3,00	2,70	2,46	2,25
2 	1	6,94	5,36	4,60	4,15	3,83	3,60	3,42	3,27	3,00	2,70	2,46	2,25
	2	3,84	3,42	3,17	3,00	2,86	2,76	2,67	2,59	2,53	2,47	2,42	2,25
	3	2,09	2,06	2,02	1,99	1,96	1,94	1,92	1,90	1,88	1,86	1,84	1,82
3 	1	9,59	6,78	5,54	4,79	4,29	3,91	3,62	3,37	3,00	2,70	2,46	2,25
	2	6,47	4,82	4,10	3,67	3,38	3,17	3,00	2,86	2,75	2,66	2,46	2,25
	3	2,08	2,01	1,96	1,91	1,87	1,83	1,80	1,77	1,75	1,72	1,70	1,68

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-133/1000 MS; external: 0,60 mm internal: 0,50 mm

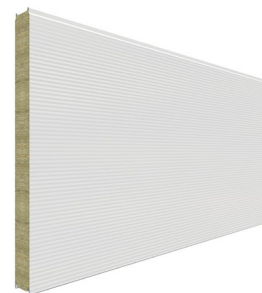
No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	10,60 ⁴⁰	7,50 ⁴⁰	6,12 ⁴⁸	5,30 ⁵⁸	4,74 ⁶⁶	4,33 ⁷⁴	4,01 ⁸¹	3,62 ⁸⁴	3,22 ⁸⁴	2,89 ⁸⁴	2,63 ⁸⁴	2,41 ⁸⁴	< width of end support
	2	10,60 ⁴⁰	7,50 ⁴⁰	6,12 ⁴⁸	5,30 ⁵⁸	4,74 ⁶⁶	4,33 ⁷⁴	4,01 ⁸¹	3,62 ⁸⁴	3,22 ⁸⁴	2,89 ⁸⁴	2,63 ⁸⁴	2,41 ⁸⁴	< width of end support
	3	10,60 ⁴⁰	7,50 ⁴⁰	6,12 ⁴⁸	5,30 ⁵⁸	4,74 ⁶⁶	4,33 ⁷⁴	4,01 ⁸¹	3,62 ⁸⁴	3,22 ⁸⁴	2,89 ⁸⁴	2,63 ⁸⁴	2,41 ⁸⁴	< width of end support
2 	1	4,28 ⁴⁰	3,76 ⁴⁰	3,47 ⁴⁰	3,27 ⁴⁰	3,12 ⁴⁰	3,00 ⁴⁷	2,90 ⁵⁴	2,81 ⁶²	2,74 ⁶⁹	2,67 ⁷⁶	2,62 ⁸³	2,41 ⁸⁴	< width of end support
	2	4,28 ⁶⁰	3,76 ⁶⁰	3,47 ⁶⁰	3,27 ⁶⁰	3,12 ⁶⁰	3,00 ⁷⁷	2,90 ⁹³	2,81 ¹⁰⁹	2,74 ¹²⁴	2,67 ¹³⁸	2,62 ¹⁵²	2,41 ¹⁶⁶	< width of intermediate support < width of end support
	3	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁰	2,23 ⁴⁶	2,23 ⁵⁴	2,24 ⁶¹	2,24 ⁶⁹	2,24 ⁷⁷	< width of intermediate support < width of end support
3 	1	7,18 ⁴⁰	5,31 ⁴⁰	4,50 ⁴⁰	4,02 ⁴⁰	3,70 ⁴⁸	3,46 ⁵⁶	3,27 ⁶³	3,12 ⁷⁰	2,99 ⁷⁷	2,88 ⁸³	2,63 ⁸⁴	2,41 ⁸⁴	< width of intermediate support < width of end support
	2	7,18 ⁶⁰	5,32 ⁶⁰	4,50 ⁶⁰	4,02 ⁶⁰	3,70 ⁸¹	3,46 ⁹⁷	3,27 ¹¹²	3,12 ¹²⁶	2,99 ¹⁴⁰	2,88 ¹⁵⁴	2,63 ¹⁶⁷	2,41 ¹⁶⁷	< width of intermediate support < width of end support
	3	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁰	2,21 ⁴⁶	2,21 ⁵³	2,21 ⁶¹	2,21 ⁶⁸	2,21 ⁷⁶	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	10,01	7,08	5,78	5,01	4,48	4,09	3,78	3,54	3,22	2,89	2,63	2,41
	2	10,01	7,08	5,78	5,01	4,48	4,09	3,78	3,54	3,22	2,89	2,63	2,41
	3	10,01	7,08	5,78	5,01	4,48	4,09	3,78	3,54	3,22	2,89	2,63	2,41
2 	1	6,32	5,54	4,77	4,31	3,99	3,75	3,57	3,42	3,22	2,89	2,63	2,41
	2	3,94	3,53	3,29	3,11	2,98	2,87	2,79	2,71	2,64	2,59	2,53	2,41
	3	2,19	2,15	2,12	2,09	2,06	2,03	2,01	1,99	1,97	1,95	1,93	1,91
3 	1	10,01	7,08	5,78	5,01	4,48	4,09	3,78	3,54	3,22	2,89	2,63	2,41
	2	6,55	4,92	4,20	3,77	3,48	3,27	3,10	2,96	2,85	2,75	2,63	2,41
	3	2,13	2,07	2,02	1,98	1,94	1,90	1,87	1,84	1,82	1,79	1,77	1,75

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-150/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 11,16	40 7,89	51 6,44	61 5,58	70 4,99	78 4,56	86 4,21	92 3,94	92 3,50	92 3,15	92 2,87	92 2,63	< width of end support
	2	40 11,16	40 7,89	51 6,44	61 5,58	70 4,99	78 4,56	86 4,21	92 3,94	92 3,50	92 3,15	92 2,87	92 2,63	< width of end support
	3	40 11,16	40 7,89	51 6,44	61 5,58	70 4,99	78 4,56	86 4,21	92 3,94	92 3,50	92 3,15	92 2,87	92 2,63	< width of end support
2 	1	40 4,35	40 3,87	40 3,60	40 3,40	41 3,25	49 3,13	58 3,03	66 2,95	73 2,87	81 2,81	88 2,75	92 2,63	< width of end support
	2	40 4,35	40 3,87	40 3,60	40 3,40	41 3,25	49 3,13	58 3,03	66 2,95	73 2,87	81 2,81	88 2,75	92 2,63	< width of intermediate support < width of end support
	3	40 2,36	40 2,36	40 2,36	40 2,36	40 2,36	40 2,36	42 2,36	50 2,36	58 2,36	65 2,36	73 2,36	81 2,36	< width of intermediate support < width of end support
3 	1	40 7,18	40 5,37	40 4,58	41 4,11	50 3,79	58 3,55	66 3,37	73 3,22	80 3,09	87 2,98	92 2,87	92 2,63	< width of intermediate support < width of end support
	2	40 7,17	40 5,37	40 4,58	41 4,11	50 3,79	58 3,55	66 3,37	73 3,22	80 3,09	87 2,98	92 2,87	92 2,63	< width of intermediate support < width of end support
	3	40 2,27	40 2,27	40 2,27	40 2,27	40 2,27	40 2,27	40 2,27	47 2,27	55 2,27	63 2,27	70 2,27	78 2,27	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	10,52	7,44	6,08	5,26	4,71	4,30	3,98	3,72	3,50	3,15	2,87	2,63
	2	10,52	7,44	6,08	5,26	4,71	4,30	3,98	3,72	3,50	3,15	2,87	2,63
	3	10,52	7,44	6,08	5,26	4,71	4,30	3,98	3,72	3,50	3,15	2,87	2,63
2 	1	5,83	5,73	4,96	4,49	4,17	3,93	3,74	3,58	3,46	3,15	2,87	2,63
	2	4,05	3,66	3,43	3,26	3,12	3,02	2,93	2,85	2,78	2,72	2,67	2,62
	3	2,31	2,27	2,24	2,21	2,18	2,15	2,13	2,10	2,08	2,06	2,05	2,03
3 	1	10,51	7,44	6,08	5,26	4,71	4,30	3,98	3,72	3,51	3,15	2,87	2,63
	2	6,56	4,98	4,29	3,87	3,59	3,38	3,21	3,07	2,96	2,86	2,78	2,63
	3	2,20	2,14	2,10	2,05	2,02	1,98	1,95	1,93	1,90	1,88	1,86	1,84

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-172/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 11,80	⁴² 8,34	⁵⁵ 6,81	⁶⁶ 5,90	⁷⁵ 5,28	⁸⁴ 4,82	⁹¹ 4,46	⁹⁹ 4,17	¹⁰⁴ 3,88	¹⁰⁴ 3,49	¹⁰⁴ 3,17	¹⁰⁴ 2,91	< width of end support
	2	⁴⁰ 11,80	⁴² 8,34	⁵⁵ 6,81	⁶⁶ 5,90	⁷⁵ 5,28	⁸⁴ 4,82	⁹¹ 4,46	⁹⁹ 4,17	¹⁰⁴ 3,88	¹⁰⁴ 3,49	¹⁰⁴ 3,17	¹⁰⁴ 2,91	< width of end support
	3	⁴⁰ 11,80	⁴² 8,34	⁵⁵ 6,81	⁶⁶ 5,90	⁷⁵ 5,28	⁸⁴ 4,82	⁹¹ 4,46	⁹⁹ 4,17	¹⁰⁴ 3,88	¹⁰⁴ 3,49	¹⁰⁴ 3,17	¹⁰⁴ 2,91	< width of end support
2 	1	⁴⁰ 4,43	⁴⁰ 4,00	⁴⁰ 3,74	⁴⁰ 3,55	⁴³ 3,41	⁵³ 3,29	⁶¹ 3,19	⁷⁰ 3,11	⁷⁸ 3,03	⁸⁶ 2,97	⁹⁴ 2,91	¹⁰² 2,86	< width of end support
	2	⁴⁰ 4,43	⁴⁰ 4,00	⁴⁰ 3,74	⁴⁰ 3,55	⁴³ 3,41	⁵³ 3,29	⁶¹ 3,19	⁷⁰ 3,11	⁷⁸ 3,03	⁸⁶ 2,97	⁹⁴ 2,91	¹⁰² 2,86	< width of intermediate support < width of end support
	3	⁴⁰ 2,50	⁴⁰ 2,50	⁴⁰ 2,50	⁴⁰ 2,50	⁴⁰ 2,50	⁴⁰ 2,50	⁴⁵ 2,50	⁵⁴ 2,50	⁶² 2,50	⁷⁰ 2,50	⁷⁹ 2,50	⁸⁷ 2,50	< width of intermediate support < width of end support
3 	1	⁴⁰ 7,06	⁴⁰ 5,37	⁴⁰ 4,63	⁴³ 4,19	⁵¹ 3,88	⁶⁰ 3,65	⁶⁸ 3,47	⁷⁶ 3,32	⁸³ 3,20	⁹¹ 3,10	⁹⁸ 3,00	¹⁰⁴ 2,91	< width of intermediate support < width of end support
	2	⁴⁰ 7,06	⁴⁰ 5,37	⁴⁰ 4,63	⁴³ 4,19	⁵¹ 3,88	⁶⁰ 3,65	⁶⁸ 3,47	⁷⁶ 3,32	⁸³ 3,20	⁹¹ 3,10	⁹⁸ 3,00	¹⁰⁴ 2,91	< width of intermediate support < width of end support
	3	⁴⁰ 2,34	⁴⁰ 2,34	⁴⁰ 2,34	⁴⁰ 2,34	⁴⁰ 2,34	⁴⁰ 2,34	⁴¹ 2,34	⁴⁹ 2,34	⁵⁷ 2,34	⁶⁵ 2,34	⁷³ 2,34	⁸¹ 2,34	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	11,11	7,86	6,42	5,56	4,97	4,54	4,20	3,93	3,70	3,49	3,17	2,91
	2	11,11	7,86	6,42	5,56	4,97	4,54	4,20	3,93	3,70	3,49	3,17	2,91
	3	11,11	7,86	6,42	5,56	4,97	4,54	4,20	3,93	3,70	3,49	3,17	2,91
2 	1	5,49	5,49	5,17	4,70	4,38	4,13	3,94	3,79	3,65	3,49	3,17	2,91
	2	4,17	3,82	3,59	3,43	3,29	3,19	3,10	3,02	2,95	2,89	2,84	2,79
	3	2,46	2,42	2,39	2,35	2,32	2,30	2,27	2,25	2,23	2,21	2,19	2,17
3 	1	10,87	7,81	6,42	5,56	4,97	4,54	4,20	3,93	3,70	3,49	3,17	2,91
	2	6,48	5,02	4,37	3,97	3,70	3,49	3,32	3,19	3,08	2,99	2,90	2,83
	3	2,28	2,23	2,19	2,15	2,11	2,08	2,05	2,03	2,00	1,98	1,96	1,94

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-200/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 12,52	⁴⁶ 8,85	⁵⁹ 7,23	⁷⁰ 6,26	⁸⁰ 5,60	⁸⁹ 5,11	⁹⁸ 4,73	¹⁰⁶ 4,43	¹¹³ 4,17	¹¹³ 3,76	¹¹³ 3,42	¹¹³ 3,13	< width of end support
	2	⁴⁰ 12,52	⁴⁶ 8,85	⁵⁹ 7,23	⁷⁰ 6,26	⁸⁰ 5,60	⁸⁹ 5,11	⁹⁸ 4,73	¹⁰⁶ 4,43	¹¹³ 4,17	¹¹³ 3,76	¹¹³ 3,42	¹¹³ 3,13	< width of end support
	3	⁴⁰ 12,52	⁴⁶ 8,85	⁵⁹ 7,23	⁷⁰ 6,26	⁸⁰ 5,60	⁸⁹ 5,11	⁹⁸ 4,73	¹⁰⁶ 4,43	¹¹³ 4,17	¹¹³ 3,76	¹¹³ 3,42	¹¹³ 3,13	< width of end support
2 	1	⁴⁰ 4,50	⁴⁰ 4,14	⁴⁰ 3,90	⁴⁰ 3,72	⁴⁶ 3,58	⁵⁶ 3,47	⁶⁶ 3,37	⁷⁵ 3,29	⁸⁴ 3,22	⁹² 3,15	¹⁰¹ 3,09	¹⁰⁹ 3,04	< width of end support
	2	⁴⁰ 4,50	⁴⁰ 4,14	⁴⁰ 3,90	⁴⁰ 3,72	⁴⁶ 3,58	⁵⁶ 3,47	⁶⁶ 3,37	⁷⁵ 3,29	⁸⁴ 3,22	⁹² 3,15	¹⁰¹ 3,09	¹⁰⁹ 3,04	< width of intermediate support < width of end support
	3	⁴⁰ 2,68	⁴⁰ 2,68	⁴⁰ 2,68	⁴⁰ 2,68	⁴⁰ 2,68	⁴⁰ 2,68	⁴⁹ 2,68	⁵⁸ 2,68	⁶⁷ 2,68	⁷⁷ 2,68	⁸⁶ 2,68	⁹⁵ 2,68	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,74	⁴⁰ 5,29	⁴⁰ 4,63	⁴³ 4,23	⁵³ 3,94	⁶² 3,73	⁷⁰ 3,57	⁷⁹ 3,43	⁸⁷ 3,31	⁹⁴ 3,21	¹⁰² 3,12	¹⁰⁹ 3,04	< width of intermediate support < width of end support
	2	⁴⁰ 6,74	⁴⁰ 5,29	⁴⁰ 4,63	⁴³ 4,23	⁵³ 3,94	⁶² 3,73	⁷⁰ 3,57	⁷⁹ 3,43	⁸⁷ 3,31	⁹⁴ 3,21	¹⁰² 3,12	¹⁰⁹ 3,04	< width of intermediate support < width of end support
	3	⁴⁰ 2,44	⁴⁰ 2,44	⁴⁰ 2,44	⁴⁰ 2,44	⁴⁰ 2,44	⁴⁰ 2,44	⁴⁴ 2,44	⁵² 2,44	⁶⁰ 2,44	⁶⁸ 2,44	⁷⁶ 2,44	⁸⁵ 2,44	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	11,76	8,32	6,79	5,88	5,26	4,80	4,44	4,16	3,92	3,72	3,42	3,13
	2	11,76	8,32	6,79	5,88	5,26	4,80	4,44	4,16	3,92	3,72	3,42	3,13
	3	11,76	8,32	6,79	5,88	5,26	4,80	4,44	4,16	3,92	3,72	3,42	3,13
2 	1	5,26	5,26	5,26	4,94	4,61	4,37	4,17	4,01	3,88	3,72	3,42	3,13
	2	4,31	4,00	3,78	3,62	3,49	3,39	3,30	3,22	3,15	3,09	3,03	2,98
	3	2,64	2,60	2,56	2,53	2,50	2,47	2,45	2,42	2,40	2,38	2,36	2,34
3 	1	11,14	8,05	6,70	5,88	5,26	4,80	4,44	4,16	3,92	3,72	3,42	3,14
	2	6,26	5,00	4,42	4,06	3,80	3,61	3,45	3,32	3,21	3,12	3,04	2,96
	3	2,38	2,34	2,30	2,26	2,23	2,20	2,17	2,14	2,12	2,10	2,08	2,06

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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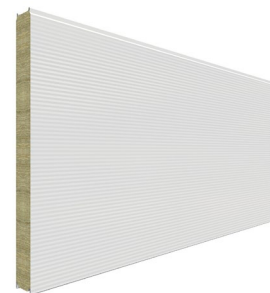
Trimoterm PERFORM C FTV-240/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 13,38	50 9,46	64 7,73	76 6,69	87 5,98	97 5,46	105 5,06	108 4,52	108 4,02	108 3,61	108 3,28	108 3,01	< width of end support
	2	40 13,38	50 9,46	64 7,73	76 6,69	87 5,98	97 5,46	105 5,06	108 4,52	108 4,02	108 3,61	108 3,28	108 3,01	< width of end support
	3	40 13,38	50 9,46	64 7,73	76 6,69	87 5,98	97 5,46	105 5,06	108 4,52	108 4,02	108 3,61	108 3,28	108 3,01	< width of end support
2 	1	40 4,41	40 4,14	40 3,94	40 3,79	48 3,67	58 3,57	68 3,48	78 3,40	87 3,34	96 3,27	105 3,22	108 3,01	< width of end support
	2	40 4,41	40 4,14	40 3,94	40 3,79	48 3,67	58 3,57	68 3,48	78 3,40	87 3,34	96 3,27	105 3,22	108 3,01	< width of intermediate support < width of end support
	3	40 2,77	40 2,77	40 2,77	40 2,77	40 2,77	42 2,77	42 2,77	51 2,77	61 2,77	70 2,77	80 2,77	89 2,77	98 2,77
3 	1	40 6,03	40 4,98	40 4,47	42 4,14	52 3,90	61 3,72	70 3,57	79 3,45	88 3,34	96 3,25	104 3,18	108 3,01	< width of intermediate support < width of end support
	2	40 6,03	40 4,98	40 4,47	42 4,14	52 3,90	61 3,72	70 3,57	79 3,45	88 3,34	96 3,25	104 3,18	108 3,01	< width of intermediate support < width of end support
	3	40 2,43	40 2,43	40 2,43	40 2,43	40 2,43	40 2,43	43 2,43	52 2,43	60 2,43	68 2,43	76 2,43	85 2,43	85 2,43

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]												
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00	
1 	1	12,52	8,86	7,23	6,26	5,60	5,11	4,73	4,43	4,02	3,61	3,28	3,01	
	2	12,52	8,86	7,23	6,26	5,60	5,11	4,73	4,43	4,02	3,61	3,28	3,01	
	3	12,52	8,86	7,23	6,26	5,60	5,11	4,73	4,43	4,02	3,61	3,28	3,01	
2 	1	4,88	4,88	4,88	4,88	4,79	4,55	4,36	4,20	4,02	3,61	3,28	3,01	
	2	4,31	4,05	3,87	3,73	3,62	3,52	3,43	3,36	3,29	3,23	3,18	3,01	
	3	2,73	2,70	2,67	2,64	2,61	2,58	2,56	2,54	2,52	2,50	2,48	2,46	
3 	1	11,28	8,20	6,85	6,06	5,52	5,11	4,73	4,43	4,01	3,61	3,28	3,01	
	2	5,74	4,81	4,34	4,03	3,81	3,64	3,50	3,39	3,28	3,20	3,12	3,01	
	3	2,39	2,36	2,33	2,30	2,27	2,24	2,22	2,20	2,18	2,16	2,14	2,12	



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-250/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 13,66	51 9,66	66 7,89	78 6,83	89 6,11	99 5,58	108 5,16	113 4,71	113 4,18	113 3,76	113 3,42	113 3,14	< width of end support
	2	40 13,66	51 9,66	66 7,89	78 6,83	89 6,11	99 5,58	108 5,16	113 4,71	113 4,18	113 3,76	113 3,42	113 3,14	< width of end support
	3	40 13,66	51 9,66	66 7,89	78 6,83	89 6,11	99 5,58	108 5,16	113 4,71	113 4,18	113 3,76	113 3,42	113 3,14	< width of end support
2 	1	40 4,50	40 4,22	40 4,02	40 3,87	49 3,75	60 3,64	70 3,55	80 3,47	89 3,40	99 3,34	108 3,28	113 3,14	< width of end support
	2	40 4,50	40 4,22	40 4,02	40 3,87	49 3,75	60 3,64	70 3,55	80 3,47	89 3,40	99 3,34	108 3,28	113 3,14	< width of intermediate support < width of end support
	3	40 2,83	40 2,83	40 2,83	40 2,83	40 2,83	43 2,83	53 2,83	62 2,83	72 2,83	81 2,83	91 2,83	100 2,83	113 2,83
3 	1	40 6,16	40 5,09	40 4,56	43 4,22	53 3,98	63 3,80	72 3,65	81 3,52	90 3,42	98 3,32	106 3,24	113 3,14	< width of intermediate support < width of end support
	2	40 6,16	40 5,09	40 4,56	43 4,22	53 3,98	63 3,80	72 3,65	81 3,52	90 3,42	98 3,32	106 3,24	113 3,14	< width of intermediate support < width of end support
	3	40 2,48	40 2,48	40 2,48	40 2,48	40 2,48	41 2,48	45 2,48	53 2,48	61 2,48	70 2,48	78 2,48	87 2,48	113 2,48

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]												
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00	
1 	1	12,78	9,04	7,38	6,39	5,72	5,22	4,83	4,52	4,18	3,77	3,42	3,14	
	2	12,78	9,04	7,38	6,39	5,72	5,22	4,83	4,52	4,18	3,77	3,42	3,14	
	3	12,78	9,04	7,38	6,39	5,72	5,22	4,83	4,52	4,18	3,77	3,42	3,14	
2 	1	4,98	4,98	4,98	4,98	4,89	4,64	4,45	4,29	4,15	3,76	3,42	3,14	
	2	4,40	4,14	3,95	3,81	3,69	3,59	3,50	3,43	3,36	3,30	3,24	3,14	
	3	2,79	2,75	2,72	2,69	2,66	2,64	2,61	2,59	2,57	2,55	2,53	2,51	
3 	1	11,51	8,37	7,00	6,19	5,64	5,22	4,83	4,52	4,18	3,76	3,42	3,14	
	2	5,86	4,91	4,43	4,12	3,89	3,72	3,58	3,46	3,35	3,26	3,19	3,12	
	3	2,44	2,41	2,38	2,34	2,32	2,29	2,27	2,25	2,22	2,20	2,19	2,17	

JOINT TYPE | STANDARD



EX



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EX2 Panel group Trimoterm POWER S

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. : $(T_2 - T_1)_{summer} = +30^{\circ}C$ $(T_2 - T_1)_{winter} = -40^{\circ}C$
 Colour Group II. : $(T_2 - T_1)_{summer} = +40^{\circ}C$ $(T_2 - T_1)_{winter} = -40^{\circ}C$
 Colour Group III. : $(T_2 - T_1)_{summer} = +55^{\circ}C$ $(T_2 - T_1)_{winter} = -40^{\circ}C$

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-60/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	6,96 ⁴⁰	6,00 ⁴⁰	5,17 ⁴⁰	4,48 ⁴⁰	3,85 ⁴⁰	3,21 ⁴⁰	2,75 ⁴⁰	2,40 ⁴⁰	2,14 ⁴⁰	1,92 ⁴⁰	1,75 ⁴⁰	1,60 ⁴⁰	< width of end support
	2	6,96 ⁴⁰	6,00 ⁴⁰	5,17 ⁴⁰	4,48 ⁴⁰	3,85 ⁴⁰	3,21 ⁴⁰	2,75 ⁴⁰	2,40 ⁴⁰	2,14 ⁴⁰	1,92 ⁴⁰	1,75 ⁴⁰	1,60 ⁴⁰	< width of end support
	3	6,96 ⁴⁰	6,01 ⁴⁰	5,17 ⁴⁰	4,48 ⁴⁰	3,85 ⁴⁰	3,21 ⁴⁰	2,75 ⁴⁰	2,40 ⁴⁰	2,14 ⁴⁰	1,92 ⁴⁰	1,75 ⁴⁰	1,60 ⁴⁰	< width of end support
2 	1	6,44 ⁴⁰	4,71 ⁴⁰	3,95 ⁴⁰	3,51 ⁴⁰	3,21 ⁴⁰	2,99 ⁴⁰	2,75 ⁴⁰	2,41 ⁴⁰	2,14 ⁴⁰	1,92 ⁴⁰	1,75 ⁴⁰	1,60 ⁴⁰	< width of end support
	2	6,44 ⁶⁰	4,71 ⁶⁰	3,95 ⁶⁰	3,51 ⁶⁰	3,21 ⁶⁰	2,99 ⁶⁰	2,75 ⁶⁰	2,41 ⁶⁰	2,14 ⁶⁰	1,92 ⁶⁰	1,75 ⁶⁰	1,60 ⁶⁰	< width of intermediate support < width of end support
	3	6,44 ⁶⁰	4,71 ⁶⁰	3,95 ⁶⁰	3,51 ⁶⁰	3,21 ⁶⁰	2,99 ⁶⁰	2,75 ⁶⁰	2,41 ⁶⁰	2,14 ⁶⁰	1,92 ⁶⁰	1,75 ⁶⁰	1,60 ⁶⁰	< width of intermediate support < width of end support
3 	1	8,63 ⁴⁰	6,12 ⁴⁰	5,02 ⁴⁰	4,36 ⁴⁰	3,85 ⁴⁰	3,21 ⁴⁰	2,75 ⁴⁰	2,40 ⁴⁰	2,14 ⁴⁰	1,92 ⁴⁰	1,75 ⁴⁰	1,60 ⁴⁰	< width of intermediate support < width of end support
	2	8,63 ⁶⁰	6,12 ⁶⁰	5,02 ⁶⁰	4,36 ⁶⁰	3,85 ⁶⁰	3,21 ⁶⁰	2,75 ⁶⁰	2,40 ⁶⁰	2,14 ⁶⁰	1,92 ⁶⁰	1,75 ⁶⁰	1,60 ⁶⁰	< width of intermediate support < width of end support
	3	8,64 ⁶⁰	6,12 ⁶⁰	5,02 ⁶⁰	4,36 ⁶⁰	3,85 ⁶⁰	3,21 ⁶⁰	2,75 ⁶⁰	2,40 ⁶⁰	2,14 ⁶⁰	1,92 ⁶⁰	1,75 ⁶⁰	1,60 ⁶⁰	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	7,69	5,94	4,85	4,20	3,76	3,21	2,75	2,41	2,14	1,92	1,75	1,60
	2	6,96	5,94	4,85	4,20	3,76	3,21	2,75	2,41	2,14	1,92	1,75	1,60
	3	5,87	5,27	4,85	4,20	3,76	3,21	2,75	2,41	2,14	1,92	1,75	1,60
2 	1	8,40	5,94	4,85	4,20	3,76	3,21	2,75	2,40	2,14	1,92	1,75	1,60
	2	7,85	5,65	4,70	4,13	3,74	3,21	2,75	2,40	2,14	1,92	1,75	1,60
	3	4,74	3,68	3,20	2,91	2,71	2,56	2,44	2,34	2,14	1,92	1,75	1,60
3 	1	8,40	5,94	4,85	4,20	3,76	3,21	2,75	2,41	2,14	1,92	1,75	1,60
	2	8,40	5,94	4,85	4,20	3,76	3,21	2,75	2,41	2,14	1,92	1,75	1,60
	3	7,79	5,56	4,59	4,01	3,62	3,21	2,75	2,41	2,14	1,92	1,75	1,60

JOINT TYPE | STANDARD

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-80/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	8,82	7,40	6,22	5,39	4,68	3,90	3,34	2,92	2,60	2,34	2,13	1,95	< width of end support
	2	8,82	7,40	6,22	5,39	4,68	3,90	3,34	2,92	2,60	2,34	2,13	1,95	< width of end support
	3	8,82	7,40	6,22	5,39	4,68	3,90	3,34	2,92	2,60	2,34	2,13	1,95	< width of end support
2 	1	7,35	5,39	4,54	4,03	3,69	3,44	3,24	2,93	2,60	2,34	2,13	1,95	< width of end support
	2	7,35	5,39	4,54	4,03	3,69	3,44	3,24	2,93	2,60	2,34	2,13	1,95	< width of intermediate support < width of end support
	3	7,35	5,39	4,54	4,03	3,69	3,44	3,24	2,92	2,60	2,34	2,13	1,95	< width of intermediate support < width of end support
3 	1	9,92	7,04	5,77	5,02	4,50	3,90	3,34	2,92	2,60	2,34	2,13	1,95	< width of end support
	2	9,92	7,04	5,77	5,02	4,50	3,90	3,34	2,92	2,60	2,34	2,13	1,95	< width of intermediate support < width of end support
	3	9,92	7,04	5,77	5,02	4,50	3,90	3,35	2,93	2,60	2,34	2,13	1,95	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	9,47	6,96	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
	2	8,82	6,96	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
	3	7,56	6,70	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
2 	1	9,85	6,96	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
	2	9,66	6,90	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
	3	6,30	4,77	4,09	3,69	3,42	3,21	3,05	2,92	2,60	2,34	2,13	1,95
3 	1	9,85	6,96	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95
	2	9,85	6,96	5,69	4,92	4,40	3,90	3,35	2,93	2,60	2,34	2,13	1,95
	3	9,74	6,95	5,69	4,92	4,40	3,90	3,34	2,93	2,60	2,34	2,13	1,95

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-100/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	10,57	8,70	7,20	6,24	5,58	4,89	4,19	3,67	3,26	2,93	2,67	2,44	< width of end support
	2	10,57	8,70	7,20	6,24	5,58	4,89	4,19	3,67	3,26	2,93	2,67	2,44	< width of end support
	3	10,57	8,71	7,20	6,24	5,58	4,89	4,19	3,67	3,26	2,93	2,67	2,44	< width of end support
2 	1	8,23	6,03	5,08	4,52	4,13	3,85	3,63	3,45	3,26	2,93	2,67	2,44	< width of end support
	2	8,23	6,03	5,08	4,52	4,13	3,85	3,63	3,45	3,26	2,93	2,67	2,44	< width of intermediate support < width of end support
	3	8,23	6,03	5,08	4,51	4,13	3,85	3,63	3,46	3,26	2,93	2,67	2,44	< width of intermediate support < width of end support
3 	1	11,11	7,88	6,46	5,62	5,04	4,62	4,19	3,67	3,26	2,93	2,67	2,44	< width of intermediate support < width of end support
	2	11,11	7,88	6,46	5,62	5,04	4,62	4,19	3,67	3,26	2,93	2,67	2,44	< width of intermediate support < width of end support
	3	11,11	7,88	6,46	5,62	5,04	4,62	4,19	3,67	3,26	2,93	2,67	2,44	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	2	10,57	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	3	9,15	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
2 	1	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	2	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	3	7,87	5,86	4,98	4,45	4,10	3,83	3,63	3,46	3,26	2,93	2,67	2,44
3 	1	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	2	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44
	3	11,14	7,87	6,43	5,57	4,98	4,55	4,19	3,67	3,26	2,93	2,67	2,44

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-120/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	12,19	9,94	8,17	7,07	6,33	5,77	5,04	4,41	3,92	3,52	3,20	2,94	< width of end support
	2	12,19	9,94	8,17	7,07	6,33	5,77	5,04	4,41	3,92	3,52	3,20	2,94	< width of end support
	3	12,18	9,94	8,17	7,07	6,33	5,77	5,04	4,41	3,92	3,52	3,20	2,94	< width of end support
2 	1	9,02	6,61	5,56	4,95	4,53	4,22	3,98	3,79	3,63	3,49	3,20	2,94	< width of end support
	2	9,02	6,61	5,56	4,95	4,53	4,22	3,98	3,79	3,63	3,49	3,20	2,94	< width of intermediate support < width of end support
	3	9,02	6,62	5,56	4,95	4,53	4,22	3,98	3,79	3,63	3,49	3,20	2,94	< width of intermediate support < width of end support
3 	1	12,18	8,64	7,08	6,16	5,52	5,06	4,70	4,41	3,92	3,52	3,20	2,94	< width of intermediate support < width of end support
	2	12,18	8,64	7,08	6,16	5,52	5,06	4,70	4,41	3,92	3,52	3,20	2,94	< width of intermediate support < width of end support
	3	12,17	8,64	7,08	6,16	5,53	5,06	4,70	4,41	3,92	3,52	3,20	2,94	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	2	12,19	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	3	10,68	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
2 	1	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	2	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	3	9,32	6,86	5,79	5,16	4,73	4,41	4,17	3,97	3,80	3,52	3,20	2,94
3 	1	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	2	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,20	2,94
	3	12,37	8,75	7,14	6,18	5,53	5,05	4,68	4,37	3,92	3,52	3,21	2,94

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-133/1000 MS; external: 0,60 mm internal: 0,50 mm

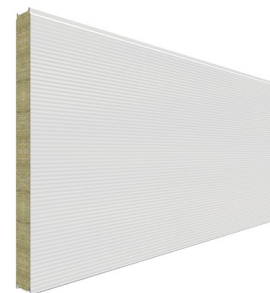
No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	13,13	10,50	8,58	7,43	6,64	6,06	5,51	4,82	4,28	3,85	3,50	3,21	< width of end support
	2	13,13	10,50	8,58	7,43	6,64	6,06	5,51	4,82	4,28	3,85	3,50	3,21	< width of end support
	3	13,12	10,50	8,58	7,43	6,64	6,06	5,51	4,82	4,28	3,85	3,50	3,21	< width of end support
2 	1	9,05	6,68	5,65	5,03	4,62	4,31	4,07	3,88	3,72	3,58	3,47	3,21	< width of end support < width of intermediate support
	2	9,05	6,68	5,65	5,03	4,62	4,31	4,07	3,88	3,72	3,58	3,47	3,21	< width of intermediate support < width of end support
	3	9,05	6,68	5,64	5,03	4,62	4,31	4,07	3,88	3,72	3,59	3,47	3,21	< width of intermediate support < width of end support
3 	1	12,56	8,91	7,31	6,35	5,70	5,23	4,86	4,56	4,28	3,86	3,50	3,21	< width of intermediate support < width of end support
	2	12,56	8,91	7,31	6,35	5,70	5,23	4,86	4,56	4,28	3,86	3,50	3,21	< width of intermediate support < width of end support
	3	12,55	8,92	7,30	6,35	5,71	5,23	4,86	4,56	4,28	3,85	3,50	3,21	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21
	2	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21
	3	11,64	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21
2 	1	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,86	3,50	3,21
	2	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,86	3,50	3,21
	3	9,29	6,89	5,85	5,23	4,80	4,50	4,25	4,06	3,89	3,75	3,50	3,21
3 	1	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21
	2	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21
	3	12,98	9,18	7,50	6,49	5,81	5,30	4,91	4,59	4,28	3,85	3,50	3,21

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-150/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	14,31	11,09	9,06	7,84	7,01	6,40	5,93	5,36	4,76	4,29	3,90	3,57	< width of end support
	2	14,31	11,09	9,06	7,84	7,01	6,40	5,93	5,36	4,76	4,29	3,90	3,57	< width of end support
	3	14,31	11,09	9,06	7,84	7,01	6,40	5,93	5,36	4,76	4,29	3,90	3,57	< width of end support
2 	1	8,95	6,68	5,69	5,10	4,69	4,40	4,16	3,98	3,82	3,69	3,57	3,47	< width of end support < width of intermediate support
	2	8,95	6,68	5,69	5,10	4,69	4,40	4,16	3,98	3,82	3,69	3,57	3,47	< width of intermediate support < width of end support
	3	8,96	6,68	5,69	5,10	4,69	4,40	4,16	3,97	3,82	3,68	3,57	3,47	< width of intermediate support < width of end support
3 	1	12,73	9,08	7,47	6,52	5,87	5,40	5,02	4,72	4,47	4,26	3,90	3,57	< width of intermediate support < width of end support
	2	12,73	9,08	7,47	6,52	5,87	5,40	5,02	4,72	4,47	4,26	3,90	3,57	< width of intermediate support < width of end support
	3	12,74	9,08	7,47	6,52	5,88	5,40	5,03	4,72	4,47	4,26	3,90	3,57	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	13,75	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	2	13,75	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	3	12,86	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
2 	1	13,75	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	2	13,55	9,68	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	3	9,29	6,97	5,95	5,34	4,93	4,63	4,39	4,19	4,03	3,89	3,77	3,57
3 	1	13,75	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	2	13,75	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57
	3	13,74	9,72	7,94	6,87	6,15	5,61	5,20	4,86	4,58	4,29	3,90	3,57

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-172/1000 MS; external: 0,60 mm internal: 0,50 mm

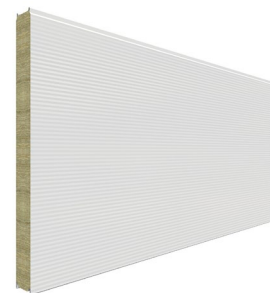
No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	15,80 ⁴⁰	11,84 ⁴⁰	9,67 ⁴⁰	8,38 ⁴⁰	7,49 ⁴⁰	6,84 ⁴⁰	6,33 ⁴¹	5,92 ⁴⁸	5,31 ⁴⁹	4,78 ⁴⁹	4,34 ⁴⁹	3,98 ⁴⁹	< width of end support
	2	15,80 ⁴⁰	11,84 ⁴⁰	9,67 ⁴⁰	8,38 ⁴⁰	7,49 ⁴⁰	6,84 ⁴⁰	6,33 ⁴¹	5,92 ⁴⁸	5,31 ⁴⁹	4,78 ⁴⁹	4,34 ⁴⁹	3,98 ⁴⁹	< width of end support
	3	15,81 ⁴⁰	11,84 ⁴⁰	9,67 ⁴⁰	8,38 ⁴⁰	7,49 ⁴⁰	6,84 ⁴⁰	6,33 ⁴¹	5,92 ⁴⁸	5,31 ⁴⁹	4,78 ⁴⁹	4,34 ⁴⁹	3,98 ⁴⁹	< width of end support
2 	1	8,86 ⁴⁰	6,71 ⁴⁰	5,76 ⁴⁰	5,20 ⁴⁰	4,81 ⁴⁰	4,52 ⁴⁰	4,29 ⁴⁰	4,11 ⁴⁰	3,95 ⁴⁰	3,82 ⁴⁰	3,71 ⁴⁰	3,60 ⁴⁰	< width of end support
	2	8,86 ⁶⁰	6,71 ⁶⁰	5,76 ⁶⁰	5,20 ⁶⁰	4,81 ⁶⁰	4,52 ⁶⁰	4,29 ⁶⁰	4,11 ⁶⁰	3,95 ⁶⁰	3,82 ⁶⁰	3,71 ⁶⁵	3,60 ⁷⁶	< width of intermediate support < width of end support
	3	8,86 ⁶⁰	6,71 ⁶⁰	5,76 ⁶⁰	5,19 ⁶⁰	4,81 ⁶⁰	4,52 ⁶⁰	4,29 ⁶⁰	4,10 ⁶⁰	3,95 ⁶⁰	3,82 ⁶⁰	3,71 ⁶⁵	3,61 ⁷⁶	< width of intermediate support < width of end support
3 	1	12,91 ⁴⁰	9,22 ⁴⁰	7,61 ⁴⁰	6,65 ⁴⁰	6,00 ⁴⁰	5,52 ⁴⁰	5,15 ⁴⁰	4,86 ⁴⁰	4,61 ⁴⁰	4,41 ⁴⁰	4,23 ⁴⁶	3,98 ⁴⁹	< width of intermediate support < width of end support
	2	12,91 ⁶⁰	9,22 ⁶⁰	7,61 ⁶⁰	6,65 ⁶⁰	6,00 ⁶⁰	5,52 ⁶⁰	5,15 ⁶⁰	4,86 ⁶⁰	4,61 ⁶⁸	4,41 ⁸⁰	4,23 ⁹²	3,98 ⁹⁸	< width of intermediate support < width of end support
	3	12,92 ⁶⁰	9,22 ⁶⁰	7,61 ⁶⁰	6,65 ⁶⁰	6,00 ⁶⁰	5,52 ⁶⁰	5,16 ⁶⁰	4,86 ⁶⁰	4,61 ⁶⁸	4,40 ⁸⁰	4,23 ⁹²	3,98 ⁹⁸	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	14,68	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	2	14,68	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	3	14,40	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
2 	1	14,68	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	2	13,91	10,02	8,28	7,25	6,54	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	3	8,88	6,82	5,90	5,34	4,96	4,68	4,45	4,27	4,11	3,98	3,87	3,77
3 	1	14,68	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	2	14,68	10,38	8,48	7,34	6,56	5,99	5,55	5,19	4,89	4,64	4,34	3,98
	3	13,92	9,94	8,19	7,16	6,45	5,94	5,54	5,19	4,89	4,64	4,34	3,98

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-200/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	17,61 ⁴⁰	12,66 ⁴⁰	10,34 ⁴⁰	8,95 ⁴⁰	8,00 ⁴⁰	7,31 ⁴⁹	6,77 ⁵⁷	6,33 ⁶⁵	5,89 ⁷⁰	5,30 ⁷⁰	4,82 ⁷⁰	4,42 ⁷⁰	< width of end support
	2	17,61 ⁴⁰	12,66 ⁴⁰	10,34 ⁴⁰	8,95 ⁴⁰	8,00 ⁴⁰	7,31 ⁴⁹	6,77 ⁵⁷	6,33 ⁶⁵	5,89 ⁷⁰	5,30 ⁷⁰	4,82 ⁷⁰	4,42 ⁷⁰	< width of end support
	3	17,61 ⁴⁰	12,66 ⁴⁰	10,34 ⁴⁰	8,95 ⁴⁰	8,00 ⁴⁰	7,31 ⁴⁹	6,77 ⁵⁷	6,33 ⁶⁵	5,89 ⁷⁰	5,30 ⁷⁰	4,82 ⁷⁰	4,42 ⁷⁰	< width of end support
2 	1	8,55 ⁴⁰	6,64 ⁴⁰	5,78 ⁴⁰	5,26 ⁴⁰	4,89 ⁴⁰	4,62 ⁴⁰	4,40 ⁴⁰	4,23 ⁴⁰	4,08 ⁴⁰	3,95 ⁴⁵	3,84 ⁵¹	3,74 ⁵¹	< width of end support
	2	8,55 ⁶⁰	6,64 ⁶⁰	5,78 ⁶⁰	5,26 ⁶⁰	4,89 ⁶⁰	4,62 ⁶⁰	4,40 ⁶⁰	4,23 ⁶³	4,08 ⁶³	3,95 ⁷⁷	3,84 ⁹⁰	3,74 ¹⁰²	< width of intermediate support < width of end support
	3	8,55 ⁶⁰	6,63 ⁶⁰	5,78 ⁶⁰	5,25 ⁶⁰	4,89 ⁶⁰	4,62 ⁶⁰	4,40 ⁶⁰	4,23 ⁶⁰	4,08 ⁶³	3,95 ⁷⁷	3,84 ⁹⁰	3,74 ¹⁰²	< width of intermediate support < width of end support
3 	1	12,89 ⁴⁰	9,24 ⁴⁰	7,65 ⁴⁰	6,70 ⁴⁰	6,06 ⁴⁰	5,59 ⁴⁰	5,23 ⁴⁰	4,94 ⁴⁰	4,70 ⁴⁵	4,49 ⁵¹	4,32 ⁵⁷	4,17 ⁶³	< width of intermediate support < width of end support
	2	12,89 ⁶⁰	9,24 ⁶⁰	7,65 ⁶⁰	6,70 ⁶⁰	6,06 ⁶⁰	5,59 ⁶⁰	5,23 ⁶³	4,94 ⁶³	4,70 ⁷⁷	4,49 ⁹⁰	4,32 ¹⁰²	4,17 ¹¹⁵	< width of intermediate support < width of end support
	3	12,89 ⁶⁰	9,24 ⁶⁰	7,64 ⁶⁰	6,70 ⁶⁰	6,06 ⁶⁰	5,59 ⁶⁰	5,23 ⁶³	4,94 ⁷⁷	4,70 ⁹⁰	4,50 ¹⁰²	4,32 ¹¹⁵	4,17 ¹²⁶	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	15,73	11,12	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
	2	15,73	11,12	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
	3	15,73	11,12	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
2 	1	15,50	11,08	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
	2	13,70	9,94	8,31	7,34	6,69	6,21	5,82	5,50	5,23	4,97	4,74	4,42
	3	7,94	6,38	5,66	5,20	4,88	4,63	4,43	4,27	4,13	4,01	3,91	3,82
3 	1	15,73	11,12	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
	2	15,73	11,12	9,08	7,86	7,04	6,42	5,95	5,56	5,24	4,97	4,74	4,42
	3	13,33	9,57	7,92	6,96	6,30	5,82	5,44	5,14	4,90	4,69	4,51	4,36

JOINT TYPE | STANDARD




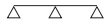
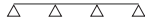
EX


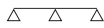

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-240/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 19,43	40 13,74	40 11,22	51 9,72	62 8,69	71 7,93	80 7,34	89 6,87	97 6,48	102 6,07	102 5,52	102 5,06	< width of end support
	2	40 19,43	40 13,74	40 11,22	51 9,72	62 8,69	71 7,93	80 7,34	89 6,87	97 6,48	102 6,07	102 5,52	102 5,06	< width of end support
	3	40 19,43	40 13,74	40 11,22	51 9,72	62 8,69	71 7,93	80 7,34	89 6,87	97 6,48	102 6,07	102 5,52	102 5,06	< width of end support
2 	1	40 7,70	40 6,30	40 5,62	40 5,20	40 4,89	40 4,66	40 4,47	40 4,31	48 4,18	55 4,06	62 3,96	69 3,87	< width of end support
	2	40 7,70	40 6,30	40 5,62	40 5,20	40 4,89	40 4,66	40 4,47	40 4,31	48 4,18	55 4,06	62 3,96	69 3,87	< width of intermediate support < width of end support
	3	40 7,69	40 6,30	40 5,62	40 5,19	40 4,89	40 4,66	40 4,46	40 4,31	48 4,18	55 4,06	62 3,96	69 3,87	< width of intermediate support < width of end support
3 	1	40 12,18	40 8,82	40 7,36	40 6,50	40 5,91	40 5,48	44 5,15	51 4,89	58 4,66	65 4,48	71 4,32	78 4,18	< width of intermediate support < width of end support
	2	40 12,18	40 8,82	40 7,36	40 6,50	40 5,91	40 5,48	44 5,15	51 4,89	58 4,66	65 4,48	71 4,32	78 4,18	< width of intermediate support < width of end support
	3	40 12,19	40 8,83	40 7,36	40 6,50	40 5,91	40 5,48	44 5,15	51 4,89	58 4,66	65 4,48	71 4,32	78 4,18	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	17,12	12,11	9,89	8,56	7,66	6,99	6,47	6,05	5,71	5,42	5,16	4,94
	2	17,12	12,11	9,89	8,56	7,66	6,99	6,47	6,05	5,71	5,42	5,16	4,94
	3	17,12	12,11	9,89	8,56	7,66	6,99	6,47	6,05	5,71	5,42	5,16	4,94
2 	1	16,06	11,50	9,51	8,33	7,53	6,95	6,47	6,05	5,71	5,42	5,16	4,94
	2	13,33	9,81	8,28	7,37	6,75	6,30	5,95	5,67	5,43	5,23	5,06	4,89
	3	6,96	5,97	5,45	5,10	4,84	4,64	4,47	4,33	4,21	4,11	4,01	3,93
3 	1	17,12	12,11	9,89	8,56	7,66	6,99	6,47	6,05	5,71	5,42	5,16	4,94
	2	17,12	12,11	9,89	8,56	7,66	6,99	6,47	6,05	5,71	5,42	5,16	4,94
	3	12,31	8,96	7,50	6,64	6,06	5,63	5,30	5,03	4,82	4,63	4,46	4,33

JOINT TYPE | STANDARD

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-250/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 19,83	40 14,02	40 11,45	53 9,92	64 8,87	74 8,10	83 7,50	92 7,01	100 6,61	107 6,27	108 5,75	108 5,27	< width of end support
	2	40 19,83	40 14,02	40 11,45	53 9,92	64 8,87	74 8,10	83 7,50	92 7,01	100 6,61	107 6,27	108 5,75	108 5,27	< width of end support
	3	40 19,83	40 14,02	40 11,45	53 9,92	64 8,87	74 8,10	83 7,50	92 7,01	100 6,61	107 6,27	108 5,75	108 5,27	< width of end support
2 	1	40 7,86	40 6,43	40 5,74	40 5,30	40 4,99	40 4,75	40 4,56	42 4,40	50 4,26	57 4,14	64 4,04	71 3,95	< width of end support
	2	40 7,86	40 6,43	40 5,74	40 5,30	40 4,99	40 4,75	40 4,56	42 4,40	50 4,26	57 4,14	64 4,04	71 3,95	< width of intermediate support < width of end support
	3	40 7,86	40 6,43	40 5,74	40 5,30	40 4,99	40 4,75	40 4,56	42 4,40	50 4,26	57 4,14	64 4,04	71 3,95	< width of intermediate support < width of end support
3 	1	40 12,44	40 9,01	40 7,52	40 6,64	40 6,04	40 5,60	46 5,26	53 4,99	60 4,76	67 4,57	74 4,41	80 4,26	< width of intermediate support < width of end support
	2	40 12,44	40 9,01	40 7,52	40 6,64	40 6,04	40 5,60	46 5,26	53 4,99	60 4,76	67 4,57	74 4,41	80 4,26	< width of intermediate support < width of end support
	3	40 12,44	40 9,01	40 7,51	40 6,64	40 6,04	40 5,60	46 5,26	53 4,99	60 4,76	67 4,57	74 4,41	80 4,27	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	17,48	12,36	10,09	8,74	7,82	7,14	6,61	6,18	5,83	5,53	5,27	5,04
	2	17,48	12,36	10,09	8,74	7,82	7,14	6,61	6,18	5,83	5,53	5,27	5,04
	3	17,48	12,36	10,09	8,74	7,82	7,14	6,61	6,18	5,83	5,53	5,27	5,04
2 	1	16,40	11,74	9,71	8,50	7,69	7,09	6,61	6,18	5,83	5,53	5,27	5,04
	2	13,61	10,02	8,45	7,52	6,89	6,43	6,08	5,79	5,54	5,34	5,16	4,99
	3	7,11	6,10	5,56	5,20	4,94	4,73	4,57	4,42	4,30	4,19	4,10	4,02
3 	1	17,48	12,36	10,09	8,74	7,82	7,14	6,61	6,18	5,83	5,53	5,27	5,04
	2	17,48	12,36	10,09	8,74	7,82	7,14	6,61	6,18	5,83	5,53	5,27	5,04
	3	12,57	9,15	7,66	6,78	6,19	5,75	5,41	5,14	4,92	4,72	4,56	4,42

JOINT TYPE | STANDARD



EX

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EX3 Panel group Trimoterm POWER T

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. : $(T_2 - T_1)_{\text{summer}} = +30^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$
 Colour Group II. : $(T_2 - T_1)_{\text{summer}} = +40^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$
 Colour Group III. : $(T_2 - T_1)_{\text{summer}} = +55^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$



60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-60/1000 MS; external: 0,60 mm internal: 0,50 mm

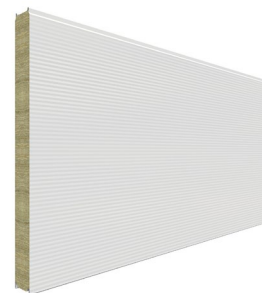
No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 6,86	40 5,31	40 4,30	40 3,22	40 2,58	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of end support
	2	40 6,86	40 5,31	40 4,30	40 3,22	40 2,58	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of end support
	3	40 6,86	40 5,31	40 4,30	40 3,22	40 2,58	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of end support
2 	1	40 3,68	40 3,16	40 2,88	40 2,70	40 2,56	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of end support
	2	40 3,68	40 3,16	40 2,88	40 2,70	40 2,56	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of intermediate support < width of end support
	3	40 2,96	40 2,96	40 2,88	40 2,69	40 2,56	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of intermediate support < width of end support
3 	1	40 5,29	40 3,96	40 3,38	40 3,03	40 2,58	40 2,15	40 1,84	40 1,61	40 1,44	40 1,29	40 1,17	40 1,08	< width of intermediate support < width of end support
	2	40 5,29	40 3,96	40 3,38	40 3,03	40 2,58	40 2,15	40 1,84	40 1,61	40 1,44	40 1,29	40 1,17	40 1,08	< width of intermediate support < width of end support
	3	40 5,29	40 3,96	40 3,38	40 3,03	40 2,58	40 2,15	40 1,84	40 1,61	40 1,43	40 1,29	40 1,17	40 1,08	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	6,53	4,62	3,77	3,23	2,58	2,15	1,84	1,62	1,44	1,29	1,18	1,08
	2	6,53	4,62	3,77	3,23	2,58	2,15	1,84	1,62	1,44	1,29	1,18	1,08
	3	5,79	4,62	3,77	3,23	2,58	2,15	1,84	1,62	1,44	1,29	1,18	1,08
2 	1	6,53	4,62	3,77	3,23	2,58	2,15	1,84	1,61	1,43	1,29	1,17	1,08
	2	4,86	3,89	3,44	3,15	2,58	2,15	1,84	1,61	1,43	1,29	1,17	1,08
	3	2,67	2,51	2,39	2,29	2,22	2,15	1,84	1,61	1,43	1,29	1,17	1,08
3 	1	6,53	4,62	3,77	3,23	2,58	2,15	1,84	1,61	1,44	1,29	1,17	1,08
	2	6,53	4,62	3,77	3,23	2,58	2,15	1,84	1,61	1,44	1,29	1,17	1,08
	3	3,46	2,90	2,62	2,44	2,30	2,15	1,84	1,61	1,44	1,29	1,17	1,08

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-80/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	8,70	6,25	5,10	4,32	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of end support
	2	8,70	6,25	5,10	4,32	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of end support
	3	8,71	6,25	5,10	4,32	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of end support
2 	1	4,57	3,85	3,48	3,24	3,07	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of end support
	2	4,57	3,85	3,48	3,24	3,07	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of intermediate support < width of end support
	3	3,36	3,36	3,36	3,24	3,07	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of intermediate support < width of end support
3 	1	6,59	4,88	4,14	3,70	3,40	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of intermediate support < width of end support
	2	6,59	4,88	4,14	3,70	3,40	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of intermediate support < width of end support
	3	6,59	4,88	4,14	3,70	3,40	2,88	2,47	2,16	1,92	1,73	1,57	1,44	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	7,87	5,57	4,54	3,94	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	2	7,87	5,57	4,54	3,94	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	3	7,46	5,57	4,54	3,94	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44
2 	1	7,85	5,57	4,54	3,94	3,46	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	2	5,54	4,45	3,94	3,62	3,39	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	3	3,05	2,86	2,73	2,63	2,54	2,47	2,42	2,16	1,92	1,73	1,57	1,44
3 	1	7,87	5,57	4,54	3,94	3,45	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	2	7,82	5,57	4,54	3,94	3,46	2,88	2,47	2,16	1,92	1,73	1,57	1,44
	3	3,89	3,29	2,98	2,78	2,63	2,51	2,42	2,16	1,92	1,73	1,57	1,44

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-100/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	10,05	7,11	5,80	5,02	4,33	3,60	3,09	2,70	2,40	2,16	1,97	1,80	< width of end support
	2	10,05	7,11	5,80	5,02	4,33	3,60	3,09	2,70	2,40	2,16	1,97	1,80	< width of end support
	3	10,05	7,11	5,80	5,02	4,33	3,60	3,09	2,70	2,40	2,16	1,97	1,80	< width of end support
2 	1	5,63	4,66	4,18	3,88	3,66	3,49	3,09	2,70	2,40	2,16	1,97	1,80	< width of end support
	2	5,63	4,66	4,18	3,88	3,66	3,49	3,09	2,70	2,40	2,16	1,97	1,80	< width of intermediate support < width of end support
	3	3,92	3,92	3,92	3,88	3,66	3,49	3,09	2,70	2,40	2,16	1,97	1,80	< width of intermediate support < width of end support
3 	1	7,92	5,84	4,93	4,40	4,03	3,61	3,09	2,70	2,40	2,16	1,97	1,80	< width of intermediate support < width of end support
	2	7,92	5,84	4,93	4,40	4,03	3,61	3,09	2,70	2,40	2,16	1,97	1,80	< width of intermediate support < width of end support
	3	7,92	5,84	4,93	4,39	4,03	3,61	3,09	2,70	2,40	2,16	1,97	1,80	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	9,15	6,47	5,28	4,58	4,09	3,60	3,09	2,70	2,40	2,16	1,97	1,80
	2	9,15	6,47	5,28	4,58	4,09	3,60	3,09	2,70	2,40	2,16	1,97	1,80
	3	9,02	6,47	5,28	4,58	4,09	3,60	3,09	2,70	2,40	2,16	1,97	1,80
2 	1	8,77	6,47	5,28	4,58	4,09	3,60	3,09	2,70	2,40	2,16	1,97	1,80
	2	6,25	5,04	4,47	4,12	3,86	3,60	3,09	2,70	2,40	2,16	1,97	1,80
	3	3,54	3,32	3,16	3,04	2,94	2,86	2,79	2,70	2,40	2,16	1,97	1,80
3 	1	9,15	6,47	5,28	4,58	4,09	3,61	3,09	2,70	2,40	2,16	1,97	1,80
	2	8,70	6,35	5,28	4,58	4,09	3,61	3,09	2,70	2,40	2,16	1,97	1,80
	3	4,39	3,73	3,39	3,16	3,00	2,87	2,76	2,67	2,40	2,16	1,97	1,80

JOINT TYPE | STANDARD

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-120/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	11,19 ⁴⁰	7,91 ⁴⁰	6,46 ⁴⁰	5,59 ⁴⁰	5,00 ⁴⁰	4,34 ⁴²	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of end support
	2	11,19 ⁴⁰	7,91 ⁴⁰	6,46 ⁴⁰	5,59 ⁴⁰	5,00 ⁴⁰	4,34 ⁴²	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of end support
	3	11,19 ⁴⁰	7,91 ⁴⁰	6,46 ⁴⁰	5,59 ⁴⁰	5,00 ⁴⁰	4,34 ⁴²	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of end support
2 	1	6,74 ⁴⁰	5,50 ⁴⁰	4,91 ⁴⁰	4,54 ⁴⁰	4,27 ⁴⁰	4,06 ⁴⁰	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of end support
	2	6,74 ⁴⁰	5,50 ⁴⁰	4,91 ⁴⁰	4,54 ⁴⁰	4,27 ⁴⁰	4,06 ⁴⁰	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of intermediate support < width of end support
	3	4,49 ⁴⁰	4,49 ⁴⁰	4,50 ⁴⁰	4,50 ⁴⁰	4,27 ⁴⁰	4,06 ⁴⁰	3,71 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of intermediate support < width of end support
3 	1	9,24 ⁴⁰	6,80 ⁴⁰	5,73 ⁴⁰	5,10 ⁴⁰	4,67 ⁴⁰	4,33 ⁴²	3,72 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of intermediate support < width of end support
	2	9,24 ⁴⁰	6,80 ⁴⁰	5,73 ⁴⁰	5,10 ⁴⁰	4,67 ⁴⁰	4,33 ⁴²	3,72 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of intermediate support < width of end support
	3	9,25 ⁴⁰	6,80 ⁴⁰	5,73 ⁴⁰	5,10 ⁴⁰	4,67 ⁴⁰	4,33 ⁴²	3,72 ⁴²	3,25 ⁴²	2,89 ⁴²	2,60 ⁴²	2,36 ⁴²	2,17 ⁴²	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	10,39	7,35	6,00	5,20	4,65	4,24	3,72	3,25	2,89	2,60	2,36	2,17
	2	10,39	7,35	6,00	5,20	4,65	4,24	3,72	3,25	2,89	2,60	2,36	2,17
	3	10,39	7,35	6,00	5,20	4,65	4,24	3,72	3,25	2,89	2,60	2,36	2,17
2 	1	9,60	7,21	6,00	5,20	4,65	4,24	3,71	3,25	2,89	2,60	2,36	2,17
	2	6,91	5,61	4,99	4,60	4,32	4,11	3,71	3,25	2,89	2,60	2,36	2,17
	3	4,04	3,78	3,60	3,46	3,34	3,25	3,17	3,10	2,89	2,60	2,36	2,17
3 	1	10,39	7,35	6,00	5,20	4,65	4,24	3,72	3,25	2,89	2,60	2,36	2,17
	2	9,46	6,94	5,84	5,19	4,65	4,24	3,72	3,25	2,89	2,60	2,36	2,17
	3	4,85	4,15	3,78	3,54	3,35	3,21	3,09	3,00	2,89	2,60	2,36	2,17

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-133/1000 MS; external: 0,60 mm internal: 0,50 mm

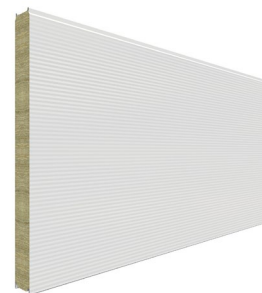
No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 11,89	40 8,41	40 6,87	40 5,95	46 5,32	54 4,81	54 4,12	54 3,60	54 3,20	54 2,88	54 2,62	54 2,40	< width of end support
	2	40 11,89	40 8,41	40 6,87	40 5,95	46 5,32	54 4,81	54 4,12	54 3,60	54 3,20	54 2,88	54 2,62	54 2,40	< width of end support
	3	40 11,89	40 8,41	40 6,87	40 5,95	46 5,32	54 4,81	54 4,12	54 3,60	54 3,20	54 2,88	54 2,62	54 2,40	< width of end support
2 	1	40 7,10	40 5,80	40 5,17	40 4,78	40 4,49	43 4,28	53 4,10	54 3,60	54 3,20	54 2,88	54 2,62	54 2,40	< width of end support
	2	40 7,10	40 5,80	40 5,17	40 4,78	40 4,49	40 4,28	42,5 4,10	52,5 3,60	53,5 3,20	53,5 2,88	53,5 2,62	53,5 2,40	< width of intermediate support < width of end support
	3	40 4,75	40 4,75	40 4,75	40 4,75	40 4,49	43 4,28	53 4,10	54 3,60	54 3,20	54 2,88	54 2,62	54 2,40	< width of intermediate support < width of end support
3 	1	40 9,74	40 7,16	40 6,03	40 5,37	40 4,92	49 4,59	54 4,12	54 3,61	54 3,20	54 2,88	54 2,62	54 2,40	< width of intermediate support < width of end support
	2	40 9,74	40 7,16	40 6,03	40 5,37	40 4,92	40 4,59	49 4,12	54 3,61	54 3,20	54 2,88	54 2,62	54 2,40	< width of intermediate support < width of end support
	3	40 9,73	40 7,16	40 6,03	40 5,37	40 4,92	48,5 4,59	53,5 4,12	53,5 3,60	53,5 3,21	53,5 2,88	53,5 2,62	53,5 2,40	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]												
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00	
1 	1	10,94	7,74	6,32	5,47	4,89	4,47	4,12	3,60	3,20	2,88	2,62	2,40	
	2	10,94	7,74	6,32	5,47	4,89	4,47	4,12	3,60	3,20	2,88	2,62	2,40	
	3	10,94	7,74	6,32	5,47	4,89	4,47	4,12	3,60	3,20	2,88	2,62	2,40	
2 	1	10,13	7,60	6,32	5,47	4,89	4,47	4,12	3,60	3,20	2,88	2,62	2,40	
	2	7,30	5,92	5,26	4,85	4,56	4,33	4,12	3,60	3,20	2,88	2,62	2,40	
	3	4,27	3,99	3,80	3,65	3,53	3,42	3,34	3,27	3,20	2,88	2,62	2,40	
3 	1	10,94	7,74	6,32	5,47	4,89	4,47	4,12	3,61	3,20	2,88	2,62	2,40	
	2	9,99	7,32	6,16	5,47	4,89	4,47	4,12	3,61	3,20	2,88	2,62	2,40	
	3	5,13	4,39	3,99	3,73	3,54	3,39	3,26	3,16	3,07	2,88	2,62	2,40	

JOINT TYPE | STANDARD



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-150/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 12,78	⁴⁰ 9,04	⁴⁰ 7,38	⁴⁵ 6,39	⁵⁵ 5,72	⁶⁴ 5,22	⁶⁹ 4,65	⁶⁹ 4,07	⁶⁹ 3,62	⁶⁹ 3,26	⁶⁹ 2,96	⁶⁹ 2,71	< width of end support
	2	⁴⁰ 12,78	⁴⁰ 9,04	⁴⁰ 7,38	⁴⁵ 6,39	⁵⁵ 5,72	⁶⁴ 5,22	⁶⁹ 4,65	⁶⁹ 4,07	⁶⁹ 3,62	⁶⁹ 3,26	⁶⁹ 2,96	⁶⁹ 2,71	< width of end support
	3	⁴⁰ 12,78	⁴⁰ 9,04	⁴⁰ 7,38	⁴⁵ 6,39	⁵⁵ 5,72	⁶⁴ 5,22	⁶⁹ 4,65	⁶⁹ 4,07	⁶⁹ 3,62	⁶⁹ 3,26	⁶⁹ 2,96	⁶⁹ 2,71	< width of end support
2 	1	⁴⁰ 7,54	⁴⁰ 6,16	⁴⁰ 5,49	⁴⁰ 5,07	⁴⁰ 4,77	⁵⁰ 4,54	⁶² 4,36	⁶⁹ 4,07	⁶⁹ 3,62	⁶⁹ 3,25	⁶⁹ 2,96	⁶⁹ 2,71	< width of end support
	2	⁶⁰ 7,54	⁶⁰ 6,16	⁶⁰ 5,49	⁶⁰ 5,07	⁶⁰ 4,77	⁷⁸ 4,54	¹⁰¹ 4,36	¹²³ 4,07	¹³⁷ 3,62	¹³⁷ 3,25	¹³⁷ 2,96	¹³⁷ 2,71	< width of intermediate support < width of end support
	3	⁶⁰ 5,07	⁶⁰ 5,07	⁶⁰ 5,07	⁶⁰ 5,07	⁶⁰ 4,77	⁷⁸ 4,54	¹⁰¹ 4,36	¹²³ 4,07	¹³⁷ 3,62	¹³⁷ 3,25	¹³⁷ 2,96	¹³⁷ 2,71	< width of intermediate support < width of end support
3 	1	⁴⁰ 10,33	⁴⁰ 7,60	⁴⁰ 6,40	⁴⁰ 5,70	⁴⁷ 5,22	⁵⁷ 4,87	⁶⁷ 4,60	⁶⁹ 4,07	⁶⁹ 3,62	⁶⁹ 3,25	⁶⁹ 2,96	⁶⁹ 2,71	< width of intermediate support < width of end support
	2	⁶⁰ 10,33	⁶⁰ 7,60	⁶⁰ 6,40	⁶⁰ 5,70	⁷⁰ 5,22	⁹³ 4,87	¹¹⁴ 4,60	¹³⁵ 4,07	¹³⁷ 3,62	¹³⁷ 3,25	¹³⁷ 2,96	¹³⁷ 2,71	< width of intermediate support < width of end support
	3	⁶⁰ 10,33	⁶⁰ 7,60	⁶⁰ 6,41	⁶⁰ 5,70	⁷⁰ 5,22	⁹³ 4,87	¹¹⁴ 4,60	¹³⁵ 4,07	¹³⁷ 3,62	¹³⁷ 3,26	¹³⁷ 2,96	¹³⁷ 2,71	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	11,62	8,22	6,71	5,81	5,20	4,75	4,39	4,07	3,62	3,26	2,96	2,71
	2	11,62	8,22	6,71	5,81	5,20	4,75	4,39	4,07	3,62	3,26	2,96	2,71
	3	11,62	8,22	6,71	5,81	5,20	4,75	4,39	4,07	3,62	3,26	2,96	2,71
2 	1	10,79	8,09	6,70	5,81	5,20	4,75	4,39	4,07	3,62	3,25	2,96	2,71
	2	7,78	6,31	5,60	5,17	4,85	4,61	4,39	4,07	3,62	3,25	2,96	2,71
	3	4,55	4,25	4,04	3,88	3,76	3,65	3,56	3,48	3,41	3,25	2,96	2,71
3 	1	11,62	8,22	6,71	5,81	5,20	4,75	4,39	4,07	3,62	3,25	2,96	2,71
	2	10,64	7,80	6,56	5,81	5,20	4,75	4,39	4,07	3,62	3,25	2,96	2,71
	3	5,49	4,68	4,26	3,98	3,77	3,61	3,48	3,37	3,27	3,19	2,96	2,71

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-172/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 13,89	⁴⁰ 9,82	⁵⁶ 8,02	⁷¹ 6,94	⁸⁰ 5,98	⁸⁰ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of end support
	2	⁴⁰ 13,89	⁴⁰ 9,82	⁵⁶ 8,02	⁷¹ 6,94	⁸⁰ 5,98	⁸⁰ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of end support
	3	⁴⁰ 13,89	⁴⁰ 9,82	⁵⁶ 8,02	⁷¹ 6,94	⁸⁰ 5,98	⁸⁰ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of end support
2 	1	⁴⁰ 8,07	⁴⁰ 6,60	⁴⁰ 5,88	⁴⁷ 5,43	⁶² 5,11	⁷⁷ 4,86	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of end support
	2	⁴⁰ 8,07	⁴⁰ 6,60	⁴⁰ 5,88	⁴⁷ 5,43	⁶² 5,11	⁷⁷ 4,86	⁸⁰ 4,27	⁸⁰ 3,74	¹⁵⁸ 3,32	¹⁵⁸ 2,99	¹⁵⁸ 2,72	¹⁵⁸ 2,49	< width of intermediate support < width of end support
	3	⁴⁰ 5,44	⁴⁰ 5,44	⁴⁰ 5,44	⁴⁷ 5,43	⁶² 5,11	⁷⁷ 4,86	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of intermediate support < width of end support
3 	1	⁴⁰ 11,06	⁴⁰ 8,14	⁴² 6,86	⁵⁸ 6,10	⁷² 5,59	⁷⁹ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	⁷⁹ 3,32	⁷⁹ 2,99	⁸⁰ 2,72	⁸⁰ 2,49	< width of intermediate support < width of end support
	2	⁴⁰ 11,06	⁴⁰ 8,14	⁴² 6,86	⁵⁸ 6,10	⁷² 5,59	⁷⁹ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	¹⁵⁸ 3,32	¹⁵⁸ 2,99	¹⁵⁸ 2,72	¹⁵⁸ 2,49	< width of intermediate support < width of end support
	3	⁴⁰ 11,07	⁴⁰ 8,14	⁴² 6,86	⁵⁸ 6,10	⁷² 5,59	⁸⁰ 4,98	⁸⁰ 4,27	⁸⁰ 3,74	⁸⁰ 3,32	⁸⁰ 2,99	⁸⁰ 2,72	⁷⁹ 2,49	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	12,45	8,80	7,19	6,23	5,57	4,98	4,27	3,73	3,32	2,99	2,72	2,49
	2	12,45	8,80	7,19	6,23	5,57	4,98	4,27	3,73	3,32	2,99	2,72	2,49
	3	12,45	8,80	7,19	6,23	5,57	4,98	4,27	3,73	3,32	2,99	2,72	2,49
2 	1	11,57	8,69	7,19	6,23	5,57	4,98	4,27	3,74	3,32	2,99	2,72	2,49
	2	8,35	6,77	6,01	5,54	5,20	4,95	4,27	3,74	3,32	2,99	2,72	2,49
	3	4,88	4,56	4,34	4,17	4,03	3,91	3,81	3,73	3,32	2,99	2,72	2,49
3 	1	12,45	8,80	7,19	6,23	5,57	4,98	4,27	3,74	3,32	2,99	2,72	2,49
	2	11,42	8,36	7,04	6,23	5,57	4,98	4,27	3,74	3,32	2,99	2,72	2,49
	3	5,90	5,03	4,57	4,27	4,05	3,87	3,73	3,61	3,32	2,99	2,72	2,49

JOINT TYPE | STANDARD

EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-200/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 15,26	50 10,79	70 8,81	86 7,63	100 6,82	103 5,80	103 4,97	103 4,35	103 3,86	103 3,48	103 3,16	103 2,90	< width of end support
	2	40 15,26	50 10,79	70 8,81	86 7,63	100 6,82	103 5,80	103 4,97	103 4,35	103 3,86	103 3,48	103 3,16	103 2,90	< width of end support
	3	40 15,26	50 10,79	70 8,81	86 7,63	100 6,82	103 5,80	103 4,97	103 4,35	103 3,86	103 3,48	103 3,16	103 2,90	< width of end support
2 	1	40 8,70	40 7,11	40 6,34	58 5,86	74 5,51	90 5,25	103 4,97	103 4,35	103 3,86	103 3,48	103 3,16	103 2,90	< width of end support
	2	60 8,70	60 7,11	79 6,34	115 5,86	148 5,51	179 5,25	205 4,97	205 4,35	205 3,86	205 3,48	205 3,16	205 2,90	< width of intermediate support < width of end support
	3	60 5,92	60 5,92	69 5,92	115 5,86	147 5,51	179 5,25	205 4,97	205 4,35	205 3,86	205 3,48	205 3,16	205 2,90	< width of intermediate support < width of end support
3 	1	40 11,93	40 8,78	53 7,40	69 6,58	85 6,03	99 5,63	103 4,97	103 4,35	103 3,86	103 3,48	103 3,16	103 2,90	< width of end support
	2	60 11,93	67 8,78	105 7,40	138 6,58	168 6,03	197 5,63	205 4,97	205 4,35	205 3,86	205 3,48	205 3,16	205 2,90	< width of intermediate support < width of end support
	3	60 11,93	67 8,77	105 7,40	138 6,59	168 6,04	197 5,62	205 4,97	205 4,35	205 3,86	205 3,48	205 3,16	205 2,90	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	13,43	9,50	7,76	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
	2	13,43	9,50	7,76	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
	3	13,43	9,50	7,76	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
2 	1	12,54	9,40	7,76	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
	2	9,06	7,34	6,51	6,00	5,63	5,36	4,97	4,35	3,86	3,48	3,16	2,90
	3	5,30	4,94	4,70	4,51	4,36	4,24	4,13	4,03	3,86	3,48	3,16	2,90
3 	1	13,43	9,50	7,76	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
	2	12,40	9,07	7,63	6,72	6,01	5,48	4,97	4,35	3,86	3,48	3,16	2,90
	3	6,44	5,47	4,96	4,63	4,39	4,20	4,04	3,92	3,80	3,48	3,16	2,90

JOINT TYPE | STANDARD



EX

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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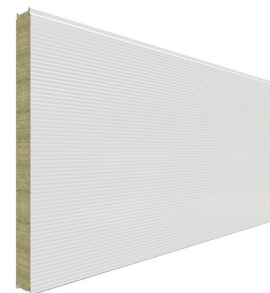
Trimoterm POWER T FTV-240/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 17,14	⁶⁶ 12,12	⁸⁸ 9,90	¹⁰⁶ 8,57	¹²² 7,67	¹³⁶ 6,96	¹³⁶ 5,97	¹³⁶ 5,22	¹³⁶ 4,64	¹³⁶ 4,18	¹³⁶ 3,80	¹³⁶ 3,48	< width of end support
	2	⁴⁰ 17,14	⁶⁶ 12,12	⁸⁸ 9,90	¹⁰⁶ 8,57	¹²² 7,67	¹³⁶ 6,96	¹³⁶ 5,97	¹³⁶ 5,22	¹³⁶ 4,64	¹³⁶ 4,18	¹³⁶ 3,80	¹³⁶ 3,48	< width of end support
	3	⁴⁰ 17,14	⁶⁶ 12,12	⁸⁸ 9,90	¹⁰⁶ 8,57	¹²² 7,67	¹³⁶ 6,96	¹³⁶ 5,97	¹³⁶ 5,22	¹³⁶ 4,64	¹³⁶ 4,18	¹³⁶ 3,80	¹³⁶ 3,48	< width of end support
2 	1	⁴⁰ 6,20	⁶⁰ 5,62	⁶⁰ 5,26	⁴⁹ 5,00	⁶⁵ 4,79	⁸⁰ 4,63	⁹⁵ 4,49	¹⁰⁹ 4,38	¹²³ 4,27	¹³⁶ 4,18	¹³⁶ 3,79	¹³⁶ 3,48	< width of end support
	2	⁴⁰ 6,20	⁶⁰ 5,62	⁶³ 5,26	⁴⁹ 5,00	⁶⁵ 4,79	⁸⁰ 4,63	⁹⁵ 4,49	¹⁰⁹ 4,38	¹²³ 4,27	¹³⁶ 4,18	¹³⁶ 3,79	¹³⁶ 3,48	< width of intermediate support < width of end support
	3	⁴⁰ 6,20	⁶⁰ 5,62	⁶³ 5,26	⁴⁹ 5,00	⁶⁵ 4,79	⁸⁰ 4,63	⁹⁵ 4,49	¹⁰⁹ 4,38	¹²³ 4,27	¹³⁶ 4,18	¹³⁶ 3,79	¹³⁶ 3,48	< width of intermediate support < width of end support
3 	1	⁴⁰ 7,74	⁶⁰ 6,28	⁶⁰ 5,58	⁵¹ 5,15	⁶⁶ 4,84	⁷⁹ 4,60	⁹² 4,41	¹⁰⁵ 4,25	¹¹⁷ 4,11	¹²⁹ 4,00	¹³⁶ 3,79	¹³⁶ 3,48	< width of intermediate support < width of end support
	2	⁴⁰ 7,74	⁶⁰ 6,28	⁷¹ 5,58	⁵¹ 5,15	⁶⁶ 4,84	⁷⁹ 4,60	⁹² 4,41	¹⁰⁵ 4,25	¹¹⁷ 4,11	¹²⁹ 4,00	¹³⁶ 3,79	¹³⁶ 3,48	< width of intermediate support < width of end support
	3	⁴⁰ 7,74	⁶⁰ 6,28	⁷¹ 5,58	⁵¹ 5,14	⁶⁶ 4,84	⁷⁹ 4,60	⁹² 4,41	¹⁰⁵ 4,25	¹¹⁷ 4,12	¹²⁹ 4,00	¹³⁶ 3,80	¹³⁶ 3,48	< width of intermediate support < width of end support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	13,95	9,86	8,06	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,80	3,48
	2	13,95	9,86	8,06	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,80	3,48
	3	13,95	9,86	8,06	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,80	3,48
2 	1	7,63	7,63	7,63	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,79	3,48
	2	7,63	7,63	7,19	6,62	6,21	5,70	5,27	4,93	4,64	4,18	3,79	3,48
	3	5,87	5,46	5,19	4,98	4,81	4,67	4,55	4,44	4,35	4,18	3,79	3,48
3 	1	13,95	9,86	8,06	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,79	3,48
	2	13,72	9,86	8,06	6,98	6,24	5,70	5,27	4,93	4,64	4,18	3,79	3,48
	3	7,21	6,09	5,51	5,13	4,86	4,64	4,47	4,33	4,20	4,09	3,80	3,48



EX



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-250/1000 MS; external: 0,60 mm internal: 0,50 mm

No. of spans	Colour group	EXTERNAL FACADE WIND PRESSURE [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 17,50	68 12,37	90 10,10	109 8,75	125 7,82	140 7,14	143 6,22	143 5,44	143 4,84	143 4,35	143 3,95	143 3,62	< width of end support
	2	40 17,50	68 12,37	90 10,10	109 8,75	125 7,82	140 7,14	143 6,22	143 5,44	143 4,84	143 4,35	143 3,95	143 3,62	< width of end support
	3	40 17,50	68 12,37	90 10,10	109 8,75	125 7,82	140 7,14	143 6,22	143 5,44	143 4,84	143 4,35	143 3,95	143 3,62	< width of end support
2 	1	40 6,33	40 5,74	40 5,37	51 5,10	67 4,89	82 4,73	97 4,59	112 4,47	126 4,36	140 4,27	143 3,95	143 3,62	< width of end support
	2	60 6,33	60 5,74	66 5,37	100 5,10	133 4,89	164 4,73	194 4,59	223 4,47	251 4,36	279 4,27	285 3,95	285 3,62	< width of intermediate support < width of end support
	3	60 6,33	60 5,74	66 5,37	100 5,10	133 4,89	164 4,73	194 4,59	223 4,47	251 4,36	279 4,27	285 3,95	285 3,62	< width of intermediate support < width of end support
3 	1	40 7,90	40 6,41	40 5,70	53 5,25	68 4,93	82 4,69	95 4,50	108 4,34	120 4,20	132 4,08	143 3,95	143 3,62	< width of end support
	2	60 7,90	60 6,41	74 5,70	105 5,25	134 4,93	162 4,69	189 4,50	215 4,34	239 4,20	264 4,08	285 3,95	285 3,62	< width of intermediate support < width of end support
	3	60 7,90	60 6,41	74 5,70	105 5,25	134 4,93	162 4,69	189 4,50	215 4,34	240 4,20	264 4,08	285 3,95	285 3,62	< width of intermediate support

No. of spans	Colour Group	EXTERNAL FACADE WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	14,24	10,07	8,22	7,12	6,37	5,81	5,38	5,03	4,75	4,35	3,95	3,62
	2	14,24	10,07	8,22	7,12	6,37	5,81	5,38	5,03	4,75	4,35	3,95	3,62
	3	14,24	10,07	8,22	7,12	6,37	5,81	5,38	5,03	4,75	4,35	3,95	3,62
2 	1	7,79	7,79	7,79	7,12	6,37	5,81	5,38	5,03	4,75	4,35	3,95	3,62
	2	7,79	7,79	7,34	6,76	6,34	5,81	5,38	5,03	4,75	4,35	3,95	3,62
	3	5,99	5,58	5,30	5,08	4,91	4,76	4,64	4,53	4,44	4,35	3,95	3,62
3 	1	14,24	10,07	8,22	7,12	6,37	5,81	5,38	5,03	4,74	4,35	3,95	3,62
	2	14,00	10,07	8,22	7,12	6,37	5,81	5,38	5,03	4,74	4,35	3,95	3,62
	3	7,36	6,22	5,62	5,24	4,96	4,74	4,56	4,42	4,29	4,18	3,96	3,63

JOINT TYPE | STANDARD



TRIMOTERM FTV

LOAD SPAN TABLES FOR INTERNAL WALL



IW

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IW1 Panel group Trimoterm PERFORM C

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: (T2 - T1) = 15°C

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 7,15	⁴⁰ 5,84	⁴⁰ 5,05	⁴⁰ 4,52	< width of end support
	2	⁴⁰ 7,15	⁴⁰ 5,84	⁴⁰ 5,05	⁴⁰ 4,52	< width of end support
	3	⁴⁰ 7,15	⁴⁰ 5,84	⁴⁰ 5,05	⁴⁰ 4,52	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	7,97	6,51	5,64	5,04
	2	7,97	6,51	5,64	5,04
	3	7,97	6,51	5,64	5,04



IW



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- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 8,27	⁴⁰ 6,75	⁴⁰ 5,84	⁴⁰ 5,23	< width of end support
	2	⁴⁰ 8,27	⁴⁰ 6,75	⁴⁰ 5,84	⁴⁰ 5,23	< width of end support
	3	⁴⁰ 8,27	⁴⁰ 6,75	⁴⁰ 5,84	⁴⁰ 5,23	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	9,22	7,53	6,52	5,83
	2	9,22	7,53	6,52	5,83
	3	9,22	7,53	6,52	5,83

JOINT TYPE | STANDARD



IW

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Trimoterm PERFORM C FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 9,25	⁴⁰ 7,55	⁴⁰ 6,54	⁴⁰ 5,85	< width of end support
	2	⁴⁰ 9,25	⁴⁰ 7,55	⁴⁰ 6,54	⁴⁰ 5,85	< width of end support
	3	⁴⁰ 9,25	⁴⁰ 7,55	⁴⁰ 6,54	⁴⁰ 5,85	< width of end support

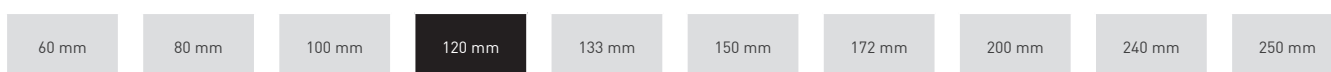
No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	10,32	8,43	7,30	6,53
	2	10,32	8,43	7,30	6,53
	3	10,32	8,43	7,30	6,53



IW



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Trimoterm PERFORM C FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 10,14	⁴⁰ 8,28	⁴⁰ 7,17	⁴⁰ 6,41	< width of end support
	2	⁴⁰ 10,14	⁴⁰ 8,28	⁴⁰ 7,17	⁴⁰ 6,41	< width of end support
	3	⁴⁰ 10,14	⁴⁰ 8,28	⁴⁰ 7,17	⁴⁰ 6,41	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	11,31	9,24	8,00	7,15
	2	11,31	9,24	8,00	7,15
	3	11,31	9,24	8,00	7,15

JOINT TYPE | STANDARD



IW

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 10,59	⁴⁰ 8,65	⁴⁰ 7,49	⁴⁰ 6,70	< width of end support
	2	⁴⁰ 10,59	⁴⁰ 8,65	⁴⁰ 7,49	⁴⁰ 6,70	< width of end support
	3	⁴⁰ 10,59	⁴⁰ 8,65	⁴⁰ 7,49	⁴⁰ 6,70	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	11,82	9,65	8,36	7,47
	2	11,82	9,65	8,36	7,47
	3	11,82	9,65	8,36	7,47



IW



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 11,13	⁴⁰ 9,09	⁴⁰ 7,87	⁴⁰ 7,04	< width of end support
	2	⁴⁰ 11,13	⁴⁰ 9,09	⁴⁰ 7,87	⁴⁰ 7,04	< width of end support
	3	⁴⁰ 11,13	⁴⁰ 9,09	⁴⁰ 7,87	⁴⁰ 7,04	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	12,42	10,14	8,78	7,85
	2	12,42	10,14	8,78	7,85
	3	12,42	10,14	8,78	7,85

JOINT TYPE | STANDARD



IW



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 11,75	⁴⁰ 9,59	⁴⁰ 8,31	⁴⁰ 7,43	< width of end support
	2	⁴⁰ 11,75	⁴⁰ 9,59	⁴⁰ 8,31	⁴⁰ 7,43	< width of end support
	3	⁴⁰ 11,75	⁴⁰ 9,59	⁴⁰ 8,31	⁴⁰ 7,43	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	13,11	10,70	9,27	8,29
	2	13,11	10,70	9,27	8,29
	3	13,11	10,70	9,27	8,29



IW



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support
	2	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support
	3	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	13,88	11,33	9,81	8,78
	2	13,88	11,33	9,81	8,78
	3	13,88	11,33	9,81	8,78

JOINT TYPE | STANDARD



IW

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Trimoterm PERFORM C FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 13,24	⁴⁰ 10,81	⁴⁰ 9,36	⁴³ 8,37	< width of end support
	2	⁴⁰ 13,24	⁴⁰ 10,81	⁴⁰ 9,36	⁴³ 8,37	< width of end support
	3	⁴⁰ 13,24	⁴⁰ 10,81	⁴⁰ 9,36	⁴³ 8,37	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	14,78	12,07	10,45	9,35
	2	14,78	12,07	10,45	9,35
	3	14,78	12,07	10,45	9,35



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 13,51	⁴⁰ 11,03	⁴⁰ 9,55	⁴⁴ 8,54	< width of end support
	2	⁴⁰ 13,51	⁴⁰ 11,03	⁴⁰ 9,55	⁴⁴ 8,54	< width of end support
	3	⁴⁰ 13,51	⁴⁰ 11,03	⁴⁰ 9,55	⁴⁴ 8,54	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	15,08	12,32	10,67	9,54
	2	15,08	12,32	10,67	9,54
	3	15,08	12,32	10,67	9,54

JOINT TYPE | STANDARD



IW

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IW2 Panel group Trimoterm POWER S

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: (T2 - T1) = 15°C



60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 8,70	⁴⁰ 7,62	⁴⁰ 6,89	⁴⁰ 6,16	< width of end support
	2	⁴⁰ 8,70	⁴⁰ 7,62	⁴⁰ 6,89	⁴⁰ 6,16	< width of end support
	3	⁴⁰ 8,70	⁴⁰ 7,62	⁴⁰ 6,89	⁴⁰ 6,16	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	8,75	7,62	6,90	6,27
	2	8,75	7,62	6,90	6,27
	3	8,75	7,62	6,90	6,27



IW



www.trimo-group.com

- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 10,63	⁴⁰ 9,26	⁴⁰ 8,06	⁴⁰ 7,20	< width of end support
	2	⁴⁰ 10,63	⁴⁰ 9,26	⁴⁰ 8,06	⁴⁰ 7,20	< width of end support
	3	⁴⁰ 10,63	⁴⁰ 9,26	⁴⁰ 8,06	⁴⁰ 7,20	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	10,63	9,26	8,22	7,35
	2	10,63	9,26	8,22	7,35
	3	10,63	9,26	8,22	7,35

JOINT TYPE | STANDARD



IW

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Trimoterm POWER S FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 11,09	⁴⁰ 10,16	⁴⁰ 9,14	⁴⁰ 8,18	< width of end support
	2	⁴⁰ 11,09	⁴⁰ 10,16	⁴⁰ 9,14	⁴⁰ 8,18	< width of end support
	3	⁴⁰ 11,09	⁴⁰ 10,16	⁴⁰ 9,14	⁴⁰ 8,18	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	11,93	10,56	9,29	8,31
	2	11,93	10,56	9,29	8,31
	3	11,93	10,56	9,29	8,31



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 13,99	⁴⁰ 11,69	⁴⁰ 10,12	⁴⁰ 9,05	< width of end support
	2	⁴⁰ 13,99	⁴⁰ 11,69	⁴⁰ 10,12	⁴⁰ 9,05	< width of end support
	3	⁴⁰ 13,99	⁴⁰ 11,69	⁴⁰ 10,12	⁴⁰ 9,05	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	13,99	11,92	10,32	9,23
	2	13,99	11,92	10,32	9,23
	3	13,99	11,92	10,32	9,23

JOINT TYPE | STANDARD



IW

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Trimoterm POWER S FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 14,98	⁴⁰ 12,31	⁴⁰ 10,66	⁴⁰ 9,54	< width of end support
	2	⁴⁰ 14,98	⁴⁰ 12,31	⁴⁰ 10,66	⁴⁰ 9,54	< width of end support
	3	⁴⁰ 14,98	⁴⁰ 12,31	⁴⁰ 10,66	⁴⁰ 9,54	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	14,99	12,51	10,83	9,69
	2	14,99	12,51	10,83	9,69
	3	14,99	12,51	10,83	9,69

IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 15,96	⁴⁰ 13,03	⁴⁰ 11,29	⁴⁰ 10,10	< width of end support
	2	⁴⁰ 15,96	⁴⁰ 13,03	⁴⁰ 11,29	⁴⁰ 10,10	< width of end support
	3	⁴⁰ 15,96	⁴⁰ 13,03	⁴⁰ 11,29	⁴⁰ 10,10	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	16,22	13,25	11,47	10,26
	2	16,22	13,25	11,47	10,26
	3	16,22	13,25	11,47	10,26

JOINT TYPE | STANDARD



IW

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Trimoterm POWER S FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 16,98	⁴⁰ 13,87	⁴⁰ 12,01	⁴⁰ 10,74	< width of end support
	2	⁴⁰ 16,98	⁴⁰ 13,87	⁴⁰ 12,01	⁴⁰ 10,74	< width of end support
	3	⁴⁰ 16,98	⁴⁰ 13,87	⁴⁰ 12,01	⁴⁰ 10,74	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	17,32	14,14	12,25	10,96
	2	17,32	14,14	12,25	10,96
	3	17,32	14,14	12,25	10,96



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 18,26	⁴⁰ 14,91	⁴⁰ 12,91	⁴⁰ 11,55	< width of end support
	2	⁴⁰ 18,26	⁴⁰ 14,91	⁴⁰ 12,91	⁴⁰ 11,55	< width of end support
	3	⁴⁰ 18,26	⁴⁰ 14,91	⁴⁰ 12,91	⁴⁰ 11,55	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	18,56	15,16	13,12	11,74
	2	18,56	15,16	13,12	11,74
	3	18,56	15,16	13,12	11,74

JOINT TYPE | STANDARD



IW

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Trimoterm POWER S FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 19,87	⁴⁰ 16,22	⁴⁰ 14,05	⁴⁰ 12,57	< width of end support
	2	⁴⁰ 19,87	⁴⁰ 16,22	⁴⁰ 14,05	⁴⁰ 12,57	< width of end support
	3	⁴⁰ 19,87	⁴⁰ 16,22	⁴⁰ 14,05	⁴⁰ 12,57	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	20,20	16,50	14,29	12,78
	2	20,20	16,50	14,29	12,78
	3	20,20	16,50	14,29	12,78



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 20,28	⁴⁰ 16,56	⁴⁰ 14,34	⁴⁰ 12,83	< width of end support
	2	⁴⁰ 20,28	⁴⁰ 16,56	⁴⁰ 14,34	⁴⁰ 12,83	< width of end support
	3	⁴⁰ 20,28	⁴⁰ 16,56	⁴⁰ 14,34	⁴⁰ 12,83	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	20,62	16,84	14,58	13,04
	2	20,62	16,84	14,58	13,04
	3	20,62	16,84	14,58	13,04

JOINT TYPE | STANDARD



IW

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IW3 Panel group Trimoterm POWER T

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: (T2 - T1) = 15°C



60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 7,40	⁴⁰ 6,04	⁴⁰ 5,23	⁴⁰ 4,68	< width of end support
	2	⁴⁰ 7,40	⁴⁰ 6,04	⁴⁰ 5,23	⁴⁰ 4,68	< width of end support
	3	⁴⁰ 7,40	⁴⁰ 6,04	⁴⁰ 5,23	⁴⁰ 4,68	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	7,71	6,30	5,45	4,88
	2	7,71	6,30	5,45	4,88
	3	7,71	6,30	5,45	4,88



IW



www.trimo-group.com

- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 8,93	⁴⁰ 7,29	⁴⁰ 6,31	⁴⁰ 5,64	< width of end support
	2	⁴⁰ 8,93	⁴⁰ 7,29	⁴⁰ 6,31	⁴⁰ 5,64	< width of end support
	3	⁴⁰ 8,93	⁴⁰ 7,29	⁴⁰ 6,31	⁴⁰ 5,64	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	9,29	7,59	6,57	5,88
	2	9,29	7,59	6,57	5,88
	3	9,29	7,59	6,57	5,88

JOINT TYPE | STANDARD



IW

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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 10,38	⁴⁰ 8,48	⁴⁰ 7,34	⁴⁰ 6,57	< width of end support
	2	⁴⁰ 10,38	⁴⁰ 8,48	⁴⁰ 7,34	⁴⁰ 6,57	< width of end support
	3	⁴⁰ 10,38	⁴⁰ 8,48	⁴⁰ 7,34	⁴⁰ 6,57	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	10,80	8,82	7,64	6,83
	2	10,80	8,82	7,64	6,83
	3	10,80	8,82	7,64	6,83

JOINT TYPE | STANDARD



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 11,80	⁴⁰ 9,64	⁴⁰ 8,34	⁴⁰ 7,46	< width of end support
	2	⁴⁰ 11,80	⁴⁰ 9,64	⁴⁰ 8,34	⁴⁰ 7,46	< width of end support
	3	⁴⁰ 11,80	⁴⁰ 9,64	⁴⁰ 8,34	⁴⁰ 7,46	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	12,26	10,01	8,67	7,75
	2	12,26	10,01	8,67	7,75
	3	12,26	10,01	8,67	7,75

JOINT TYPE | STANDARD



IW

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Trimoterm POWER T FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support
	2	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support
	3	⁴⁰ 12,43	⁴⁰ 10,15	⁴⁰ 8,79	⁴⁰ 7,86	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	12,91	10,54	9,13	8,17
	2	12,91	10,54	9,13	8,17
	3	12,91	10,54	9,13	8,17



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 13,20	⁴⁰ 10,78	⁴⁰ 9,34	⁴⁰ 8,35	< width of end support
	2	⁴⁰ 13,20	⁴⁰ 10,78	⁴⁰ 9,34	⁴⁰ 8,35	< width of end support
	3	⁴⁰ 13,20	⁴⁰ 10,78	⁴⁰ 9,34	⁴⁰ 8,35	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	13,72	11,20	9,70	8,68
	2	13,72	11,20	9,70	8,68
	3	13,72	11,20	9,70	8,68

JOINT TYPE | STANDARD



IW

www.trimo-group.com



Trimoterm POWER T FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 14,14	⁴⁰ 11,55	⁴⁰ 10,00	⁴⁰ 8,94	< width of end support
	2	⁴⁰ 14,14	⁴⁰ 11,55	⁴⁰ 10,00	⁴⁰ 8,94	< width of end support
	3	⁴⁰ 14,14	⁴⁰ 11,55	⁴⁰ 10,00	⁴⁰ 8,94	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	14,69	12,00	10,39	9,29
	2	14,69	12,00	10,39	9,29
	3	14,69	12,00	10,39	9,29



IW



www.trimo-group.com

- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support
	2	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support
	3	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	15,85	12,94	11,21	10,02
	2	15,85	12,94	11,21	10,02
	3	15,85	12,94	11,21	10,02

JOINT TYPE | STANDARD



IW

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Trimoterm POWER T FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support
	2	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support
	3	⁴⁰ 15,26	⁴⁰ 12,46	⁴⁰ 10,79	⁴⁰ 9,65	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	15,85	12,94	11,21	10,02
	2	15,85	12,94	11,21	10,02
	3	15,85	12,94	11,21	10,02



IW



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	INTERNAL WALL WIND PRESSURE [kN/m ²]				
		+ 0,20	+ 0,30	+ 0,40	+ 0,50	
1 	1	⁴⁰ 16,19	⁴⁰ 13,22	⁴⁰ 11,45	⁴⁰ 10,24	< width of end support
	2	⁴⁰ 16,19	⁴⁰ 13,22	⁴⁰ 11,45	⁴⁰ 10,24	< width of end support
	3	⁴⁰ 16,19	⁴⁰ 13,22	⁴⁰ 11,45	⁴⁰ 10,24	< width of end support

No. of spans	Colour Group	INTERNAL WALL WIND SUCTION [kN/m ²]			
		- 0,20	- 0,30	- 0,40	- 0,50
1 	1	16,80	13,72	11,88	10,63
	2	16,80	13,72	11,88	10,63
	3	16,80	13,72	11,88	10,63

JOINT TYPE | STANDARD



TRIMOTERM FTV

LOAD SPAN TABLES FOR CEILING



CE

Load span tables



CE1 Panel group Trimoterm PERFORM C

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: $(T_2 - T_1)_{\text{summer}} = +15^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -20^\circ\text{C}$
 Self-weight of panel: $w_k = \pm 0,30 \text{ kN/m}^2$, $q_k = 0,40 \text{ kN/m}^2$ (live load, service access),
 $Q_k = 1,0 \text{ kN}$ (man load, service access)

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm PERFORM C FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30 40 3,29	- 0,30 3,92	< width of end support
	2	40 3,29	3,92	< width of end support
	3	40 3,29	3,92	< width of end support
2 	1	40 3,29	3,92	< width of end support
	2	60 40 3,29	3,92	< width of intermediate support < width of end support
	3	60 40 3,29	3,92	< width of intermediate support < width of end support
3 	1	40 3,29	3,92	< width of end support
	2	60 40 3,29	3,92	< width of intermediate support < width of end support
	3	60 40 3,29	3,92	< width of intermediate support < width of end support




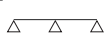

CE



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- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	4,01 ⁴⁰	4,83	< width of end support
	2	4,01 ⁴⁰	4,83	< width of end support
	3	4,01 ⁴⁰	4,83	< width of end support
2 	1	4,01 ⁴⁰	4,83	< width of end support
	2	4,01 ⁶⁰	4,83	< width of intermediate support < width of end support
	3	4,01 ⁶⁰	4,83	< width of intermediate support < width of end support
3 	1	4,01 ⁴⁰	4,83	< width of intermediate support < width of end support
	2	4,01 ⁶⁰	4,83	< width of intermediate support < width of end support
	3	4,01 ⁶⁰	4,83	< width of intermediate support

JOINT TYPE | STANDARD



CE

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Trimoterm PERFORM C FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

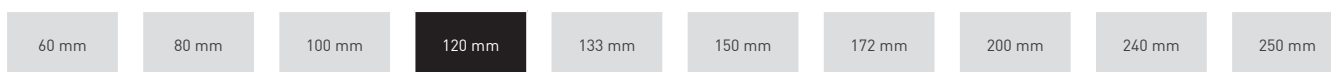
No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 4,58	5,35	< width of end support
	2	⁴⁰ 4,58	5,35	< width of end support
	3	⁴⁰ 4,58	5,35	< width of end support
2 	1	⁴⁰ 4,59	5,35	< width of end support
	2	⁶⁹ ⁴⁰ 4,59	5,35	< width of intermediate support < width of end support
	3	⁶⁹ ⁴⁰ 4,59	5,35	< width of intermediate support < width of end support
3 	1	⁴⁰ 4,58	5,35	< width of end support
	2	⁶⁸ ⁴⁰ 4,58	5,35	< width of intermediate support < width of end support
	3	⁶⁸ ⁴⁰ 4,58	5,35	< width of intermediate support < width of end support



CE



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Trimoterm PERFORM C FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	41 5,08	5,78	< width of end support
	2	41 5,08	5,78	< width of end support
	3	41 5,08	5,78	< width of end support
2 	1	41 5,08	5,78	< width of end support
	2	81 41 5,08	5,78	< width of intermediate support < width of end support
	3	81 41 5,08	5,78	< width of intermediate support < width of end support
3 	1	41 5,08	5,78	< width of end support
	2	81 41 5,08	5,78	< width of intermediate support < width of end support
	3	81 41 5,08	5,78	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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Trimoterm PERFORM C FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm


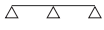
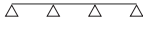
No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30 <small>44</small> 5,25	- 0,30 5,95	< width of end support
	2	<small>44</small> 5,25	5,95	< width of end support
	3	<small>44</small> 5,25	5,95	< width of end support
2 	1	<small>44</small> 5,24 <small>87</small>	5,94	< width of end support < width of intermediate support < width of end support
	2	<small>44</small> 5,24 <small>87</small>	5,94	< width of intermediate support < width of end support
	3	<small>44</small> 5,24 <small>87</small>	5,94	< width of intermediate support < width of end support
3 	1	<small>44</small> 5,25 <small>87</small>	5,95	< width of intermediate support < width of end support
	2	<small>44</small> 5,25 <small>87</small>	5,95	< width of intermediate support < width of end support
	3	<small>44</small> 5,25 <small>87</small>	5,95	< width of intermediate support

CE



- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁷ 5,46	6,16	< width of end support
	2	⁴⁷ 5,46	6,16	< width of end support
	3	⁴⁷ 5,46	6,16	< width of end support
2 	1	⁴⁷ 5,46	6,16	< width of end support
	2	⁹⁵ ⁴⁷ 5,46	6,16	< width of intermediate support < width of end support
	3	⁹⁵ ⁴⁷ 5,46	6,16	< width of intermediate support < width of end support
3 	1	⁴⁷ 5,46	6,16	< width of end support
	2	⁹⁵ ⁴⁷ 5,46	6,16	< width of intermediate support < width of end support
	3	⁹⁵ ⁴⁷ 5,46	6,16	< width of intermediate support < width of end support



CE

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Trimoterm PERFORM C FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	52 5,67	6,38	< width of end support
	2	52 5,67	6,38	< width of end support
	3	52 5,67	6,38	< width of end support
2 	1	52 5,67	6,38	< width of end support < width of intermediate support
	2	103 52 5,67	6,38	< width of end support < width of intermediate support
	3	103 52 5,67	6,38	< width of end support < width of intermediate support
3 	1	52 5,67	6,38	< width of end support < width of intermediate support
	2	103 52 5,67	6,38	< width of end support < width of intermediate support
	3	103 52 5,67	6,38	< width of end support < width of intermediate support




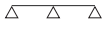

CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁵⁷ 5,91	6,62	< width of end support
	2	⁵⁷ 5,91	6,62	< width of end support
	3	⁵⁷ 5,91	6,62	< width of end support
2 	1	⁵⁷ 5,90	6,62	< width of end support
	2	¹¹³ ⁵⁷ 5,90	6,62	< width of intermediate support < width of end support
	3	¹¹³ ⁵⁷ 5,90	6,62	< width of intermediate support < width of end support
3 	1	⁵⁷ 5,91	6,62	< width of end support
	2	¹¹³ ⁵⁷ 5,91	6,62	< width of intermediate support < width of end support
	3	¹¹³ ⁴⁷ 5,91	6,62	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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Trimoterm PERFORM C FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30 ⁶³ 6,10	- 0,30 6,79	< width of end support
	2	⁶³ 6,10	6,79	< width of end support
	3	⁶³ 6,10	6,79	< width of end support
2 	1	⁶³ 6,10	6,79	< width of end support < width of intermediate support
	2	⁶³ 6,10	6,79	< width of end support < width of intermediate support
	3	⁶³ 6,10	6,79	< width of end support < width of intermediate support
3 	1	⁶³ 6,10	6,79	< width of end support < width of intermediate support
	2	⁶³ 6,10	6,79	< width of end support < width of intermediate support
	3	⁶³ 6,10	6,79	< width of end support < width of intermediate support

CE



- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm PERFORM C FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁶⁶ 6,19	6,88	< width of end support
	2	⁶⁶ 6,19	6,88	< width of end support
	3	⁶⁶ 6,19	6,88	< width of end support
2 	1	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support
	2	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support
	3	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support
3 	1	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support
	2	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support
	3	⁶⁶ 6,19 ¹³¹	6,87	< width of end support < width of intermediate support



CE

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CE2 Panel group Trimoterm POWER S



According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: $(T_2 - T_1)_{\text{summer}} = +15^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -20^\circ\text{C}$
 Self-weight of panel: $w_k = \pm 0,30 \text{ kN/m}^2$, $q_k = 0,40 \text{ kN/m}^2$ (live load, service access),
 $Q_k = 1,0 \text{ kN}$ (man load, service access)

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

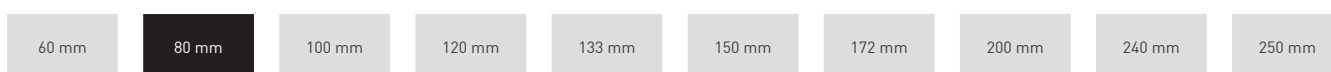
No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30 40 4,74	- 0,30 40 5,53	< width of end support
	2	40 4,74	40 5,53	< width of end support
	3	40 4,74	40 5,53	< width of end support
2 	1	40 5,10	40 5,89	< width of end support
	2	60 40 5,10	60 40 5,89	< width of intermediate support < width of end support
	3	60 40 5,10	60 40 5,89	< width of intermediate support < width of end support
3 	1	40 5,11	40 5,89	< width of end support
	2	60 40 5,11	60 40 5,89	< width of intermediate support < width of end support
	3	60 40 5,11	60 40 5,89	< width of intermediate support < width of end support



CE



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Trimoterm POWER S FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 5,77	6,68	< width of end support
	2	⁴⁰ 5,77	6,68	< width of end support
	3	⁴⁰ 5,77	6,68	< width of end support
2 	1	⁴⁰ 5,88	6,74	< width of end support
	2	⁶⁰ ⁴⁰ 5,88	6,74	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,88	6,74	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,88	6,75	< width of end support
	2	⁶⁰ ⁴⁰ 5,88	6,75	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,88	6,75	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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Trimoterm POWER S FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

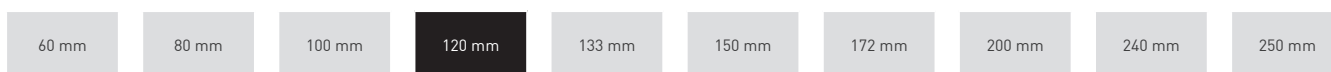
No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 6,58	7,51	< width of end support
	2	⁴⁰ 6,58	7,51	< width of end support
	3	⁴⁰ 6,58	7,51	< width of end support
2 	1	⁴⁰ 6,58	7,51	< width of end support
	2	⁶⁰ ⁴⁰ 6,58	7,51	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,58	7,51	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,58	7,51	< width of end support
	2	⁶⁰ ⁴⁰ 6,58	7,51	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,58	7,51	< width of intermediate support < width of end support



CE



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Trimoterm POWER S FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 7,18	8,16	< width of end support
	2	⁴⁰ 7,18	8,16	< width of end support
	3	⁴⁰ 7,18	8,16	< width of end support
2 	1	⁴⁰ 7,18	8,14	< width of end support
	2	⁶⁰ 7,18	8,14	< width of intermediate support < width of end support
	3	⁴⁰ 7,18	8,14	< width of intermediate support < width of end support
3 	1	⁴⁰ 7,18	8,16	< width of intermediate support < width of end support
	2	⁶⁰ 7,18	8,16	< width of intermediate support < width of end support
	3	⁴⁰ 7,18	8,16	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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**Trimoterm POWER S FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm**

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 7,49	8,49	< width of end support
	2	⁴⁰ 7,49	8,49	< width of end support
	3	⁴⁰ 7,49	8,49	< width of end support
2 	1	⁴⁰ 7,42	8,34	< width of end support
	2	⁶⁰ ⁴⁰ 7,42	8,34	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 7,42	8,34	< width of intermediate support < width of end support
3 	1	⁴⁰ 7,49	8,48	< width of end support
	2	⁶⁰ ⁴⁰ 7,49	8,48	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 7,49	8,48	< width of intermediate support < width of end support



CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	40 7,84	8,86	< width of end support
	2	40 7,84	8,86	< width of end support
	3	40 7,84	8,86	< width of end support
2 	1	40 7,64	8,54	< width of end support
	2	60 40 7,64	8,54	< width of intermediate support < width of end support
	3	60 40 7,64	8,54	< width of intermediate support < width of end support
3 	1	40 7,84	8,86	< width of intermediate support < width of end support
	2	60 40 7,84	8,86	< width of intermediate support < width of end support
	3	60 40 7,84	8,86	< width of intermediate support < width of end support


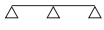

JOINT TYPE | STANDARD



CE

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**Trimoterm POWER S FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm**


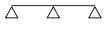
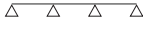
No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 8,22	9,25	< width of end support
	2	⁴⁰ 8,22	9,25	< width of end support
	3	⁴⁰ 8,22	9,25	< width of end support
2 	1	⁴⁰ 7,87	8,77	< width of end support
	2	⁶⁰ ⁴⁰ 7,87	8,77	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 7,87	8,77	< width of intermediate support < width of end support
3 	1	⁴⁰ 8,22	9,25	< width of end support
	2	⁶⁰ ⁴⁰ 8,22	9,25	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 8,22	9,25	< width of intermediate support < width of end support

CE



- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 8,67	9,72	< width of end support
	2	⁴⁰ 8,67	9,72	< width of end support
	3	⁴⁰ 8,67	9,72	< width of end support
2 	1	⁴⁰ 8,10	8,98	< width of end support
	2	⁶⁰ 8,10	8,98	< width of intermediate support < width of end support
	3	⁴⁰ 8,10	8,98	< width of intermediate support < width of end support
3 	1	⁴⁰ 8,67	9,72	< width of intermediate support < width of end support
	2	⁶⁰ 8,67	9,72	< width of intermediate support < width of end support
	3	⁴⁰ 8,67	9,72	< width of intermediate support



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Trimoterm POWER S FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 9,21	10,25	< width of end support
	2	⁴⁰ 9,21	10,25	< width of end support
	3	⁴⁰ 9,21	10,25	< width of end support
2 	1	⁴⁰ 8,26	9,09	< width of end support
	2	⁶² ⁴⁰ 8,26	9,09	< width of intermediate support < width of end support
	3	⁶² ⁴⁰ 8,26	9,09	< width of intermediate support < width of end support
3 	1	⁴⁰ ⁷⁹ 9,20	10,23	< width of end support
	2	⁴⁰ ⁷⁹ 9,20	10,23	< width of intermediate support < width of end support
	3	⁴⁰ ⁷⁹ 9,20	10,23	< width of intermediate support < width of end support



CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER S FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 9,29	10,31	< width of end support
	2	⁴⁰ 9,29	10,31	< width of end support
	3	⁴⁰ 9,29	10,31	< width of end support
2 	1	⁴⁰ 8,33	9,14	< width of end support
	2	⁶⁷ ⁴⁰ 8,33	9,14	< width of intermediate support < width of end support
	3	⁶⁷ ⁴⁰ 8,33	9,14	< width of intermediate support < width of end support
3 	1	⁴⁰ 9,29	10,28	< width of end support
	2	⁷⁵ ⁴⁰ 9,29	10,28	< width of intermediate support < width of end support
	3	⁷⁵ ⁴⁰ 9,29	10,28	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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CE3 Panel group Trimoterm POWER T



According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: $(T_2 - T_1)_{\text{summer}} = +15^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -20^\circ\text{C}$
 Self-weight of panel: $w_k = \pm 0,30 \text{ kN/m}^2$, $q_k = 0,40 \text{ kN/m}^2$ (live load, service access),
 $Q_k = 1,0 \text{ kN}$ (man load, service access)

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER T FTV-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]		CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	- 0,30	+ 0,30
1 	1	40 3,53			4,27 < width of end support
	2	40 3,53			4,27 < width of end support
	3	40 3,53			4,27 < width of end support
2 	1	40 3,53			4,27 < width of end support
	2	60 40 3,53			4,27 < width of intermediate support < width of end support
	3	60 40 3,53			4,27 < width of intermediate support < width of end support
3 	1	40 3,53			4,27 < width of end support
	2	60 40 3,53			4,27 < width of intermediate support < width of end support
	3	60 40 3,53			4,27 < width of intermediate support < width of end support




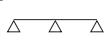

CE



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- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 4,55	5,38	< width of end support
	2	⁴⁰ 4,55	5,38	< width of end support
	3	⁴⁰ 4,55	5,38	< width of end support
2 	1	⁴⁰ 4,56	5,38	< width of end support
	2	⁶⁰ ⁴⁰ 4,56	5,38	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 4,56	5,38	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,38	5,38	< width of end support
	2	⁶⁰ ⁴⁰ 5,38	5,38	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,38	5,38	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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Trimoterm POWER T FTV-100/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 5,37	6,17	< width of end support
	2	⁴⁰ 5,37	6,17	< width of end support
	3	⁴⁰ 5,37	6,17	< width of end support
2 	1	⁴⁰ 5,37	6,17	< width of end support
	2	⁶⁰ ⁴⁰ 5,37	6,17	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,37	6,17	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,37	6,17	< width of end support
	2	⁶⁰ ⁴⁰ 5,37	6,17	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,37	6,17	< width of intermediate support < width of end support



CE



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Trimoterm POWER T FTV-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 6,04	6,91	< width of end support
	2	⁴⁰ 6,04	6,91	< width of end support
	3	⁴⁰ 6,04	6,91	< width of end support
2 	1	⁴⁰ 6,04	6,91	< width of end support
	2	⁶⁰ ⁴⁰ 6,04	6,91	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,04	6,91	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,04	6,91	< width of end support
	2	⁶⁰ ⁴⁰ 6,04	6,91	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,04	6,91	< width of intermediate support < width of end support

JOINT TYPE | STANDARD




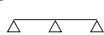

CE

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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-133/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 6,31	7,20	< width of end support
	2	⁴⁰ 6,31	7,20	< width of end support
	3	⁴⁰ 6,31	7,20	< width of end support
2 	1	⁴⁰ 6,31	7,20	< width of end support
	2	⁶⁰ ⁴⁰ 6,31	7,20	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,31	7,20	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,31	7,20	< width of end support
	2	⁶⁰ ⁴⁰ 6,31	7,20	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,31	7,20	< width of intermediate support < width of end support

JOINT TYPE | STANDARD




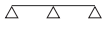
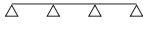
CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	40 6,64	7,56	< width of end support
	2	40 6,64	7,56	< width of end support
	3	40 6,64	7,56	< width of end support
2 	1	40 6,64	7,56	< width of end support
	2	60 40 6,64	7,56	< width of intermediate support < width of end support
	3	60 40 6,64	7,56	< width of intermediate support < width of end support
3 	1	40 6,64	7,56	< width of intermediate support < width of end support
	2	60 40 6,64	7,56	< width of intermediate support < width of end support
	3	60 40 6,64	7,56	< width of intermediate support < width of end support

JOINT TYPE | STANDARD


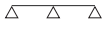



CE

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Trimoterm POWER T FTV-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	51 7,03	7,97	< width of end support
	2	51 7,03	7,97	< width of end support
	3	51 7,03	7,97	< width of end support
2 	1	51 7,02	7,97	< width of end support
	2	101 51 7,02	7,97	< width of intermediate support < width of end support
	3	101 51 7,02	7,97	< width of intermediate support < width of end support
3 	1	51 7,03	7,96	< width of end support
	2	101 51 7,03	7,96	< width of intermediate support < width of end support
	3	101 51 7,03	7,96	< width of intermediate support < width of end support




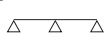

CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁶⁴ 7,47	8,44	< width of end support
	2	⁶⁴ 7,47	8,44	< width of end support
	3	⁶⁴ 7,47	8,44	< width of end support
2 	1	⁶⁴ 7,47	8,44	< width of end support
	2	¹²⁶ ⁶⁴ 7,47	8,44	< width of intermediate support < width of end support
	3	¹²⁶ ⁶⁴ 7,47	8,44	< width of intermediate support < width of end support
3 	1	¹²⁶ ⁶⁴ 7,47	8,44	< width of intermediate support < width of end support
	2	¹²⁶ ⁶⁴ 7,47	8,44	< width of intermediate support < width of end support
	3	¹²⁶ ⁶⁴ 7,47	8,44	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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Trimoterm POWER T FTV-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁵³ 7,61	8,55	< width of end support
	2	⁵³ 7,61	8,55	< width of end support
	3	⁵³ 7,61	8,55	< width of end support
2 	1	⁵³ 7,61	8,54	< width of end support
	2	¹⁰⁵ 7,61	8,54	< width of intermediate support < width of end support
	3	¹⁰⁵ 7,61	8,54	< width of intermediate support < width of end support
3 	1	⁷⁵ 7,61	8,54	< width of end support
	2	¹⁴⁸ 7,61	8,54	< width of intermediate support < width of end support
	3	¹⁴⁸ 7,61	8,54	< width of intermediate support < width of end support




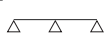

CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm POWER T FTV-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁷⁸ 7,67	8,58	< width of end support
	2	⁷⁸ 7,67	8,58	< width of end support
	3	⁷⁸ 7,67	8,58	< width of end support
2 	1	⁷⁸ 7,67	8,58	< width of end support
	2	¹⁵⁶ ⁷⁸ 7,67	8,58	< width of intermediate support < width of end support
	3	¹⁵⁶ ⁷⁸ 7,67	8,58	< width of intermediate support < width of end support
3 	1	⁷⁸ 7,67	8,58	< width of end support
	2	¹⁵⁶ ⁷⁸ 7,67	8,58	< width of intermediate support < width of end support
	3	¹⁵⁶ ⁷⁸ 7,67	8,58	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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CE4 Panel group Trimoterm POWER T

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: $(T_2 - T_1)_{\text{summer}} = +15^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -20^\circ\text{C}$
 Self-weight of panel: $w_k = \pm 0,30 \text{ kN/m}^2$



perforated inner side

60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-60/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30 40	- 0,30	< width of end support
	2	4,31	5,19	< width of end support
	3	4,31	5,19	< width of end support
2 	1	3,32 60	4,53	< width of end support < width of intermediate support
	2	3,32 40	4,53	< width of end support < width of end support
	3	3,32 60	4,53	< width of intermediate support < width of end support
3 	1	3,91 40	5,26	< width of end support
	2	3,91 60	5,26	< width of intermediate support < width of end support
	3	3,91 40	5,26	< width of intermediate support < width of end support



CE


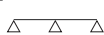



perforated inner side

www.trimo-group.com

- 60 mm
- 80 mm**
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm SOUND T FTV-AC-80/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 5,25	6,28	< width of end support
	2	⁴⁰ 5,25	6,28	< width of end support
	3	⁴⁰ 5,25	6,28	< width of end support
2 	1	⁴⁰ 3,89	5,19	< width of end support
	2	⁶⁰ ⁴⁰ 3,89	5,19	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 3,89	5,19	< width of intermediate support < width of end support
3 	1	⁴⁰ 4,56	6,43	< width of end support
	2	⁶⁰ ⁴⁰ 4,56	6,43	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 4,56	6,43	< width of intermediate support < width of end support

JOINT TYPE | STANDARD




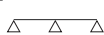

CE

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-100/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND [kN/m ²]		
		DOWNWARD	UPWARD	
1 	1	+ 0,30	- 0,30	
		⁴⁰ 6,02	7,19	< width of end support
		⁴⁰ 6,02	7,19	< width of end support
2 	1	⁴⁰ 4,47	5,83	< width of end support
		⁶⁰ 4,47	5,83	< width of intermediate support < width of end support
		⁴⁰ 4,47	5,83	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,17	7,10	< width of end support
		⁶⁰ 5,17	7,10	< width of intermediate support < width of end support
		⁴⁰ 5,17	7,10	< width of intermediate support < width of end support



CE



perforated inner side

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-120/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 6,69	6,47	< width of end support
	2	⁴⁰ 6,69	6,47	< width of end support
	3	⁴⁰ 6,69	6,47	< width of end support
2 	1	⁴⁰ 5,05	6,40	< width of end support
	2	⁶⁰ 5,05	6,40	< width of intermediate support < width of end support
	3	⁴⁰ 5,05	6,40	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,75	7,60	< width of intermediate support < width of end support
	2	⁶⁰ 5,75	7,60	< width of intermediate support < width of end support
	3	⁴⁰ 5,75	7,60	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-133/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 7,13	8,46	< width of end support
	2	⁴⁰ 7,13	8,46	< width of end support
	3	⁴⁰ 7,13	8,46	< width of end support
2 	1	⁴⁰ 5,24	6,62	< width of end support
	2	⁶⁰ ⁴⁰ 5,24	6,62	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,24	6,62	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,96	7,88	< width of end support
	2	⁶⁰ ⁴⁰ 5,96	7,88	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,96	7,88	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE


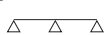



perforated inner side

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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm SOUND T FTV-AC-150/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁰ 7,68	9,05	< width of end support
	2	⁴⁰ 7,68	9,05	< width of end support
	3	⁴⁰ 7,68	9,05	< width of end support
2 	1	⁴⁰ 5,48	6,82	< width of end support
	2	⁶⁰ ⁴⁰ 5,48	6,82	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,48	6,82	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,21	8,08	< width of end support
	2	⁶⁰ ⁴⁰ 6,21	8,08	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 6,21	8,08	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-172/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]		CEILING WIND UPWARD [kN/m ²]		
		+ 0,30	- 0,30	- 0,30	+ 0,30	
1 	1	40 8,35			40 9,76	< width of end support
	2	40 8,35			40 9,76	< width of end support
	3	40 8,35			40 9,76	< width of end support
2 	1	40 5,76			40 7,06	< width of end support
	2	60 40 5,76			60 40 7,06	< width of intermediate support < width of end support
	3	60 40 5,76			60 40 7,06	< width of intermediate support < width of end support
3 	1	40 6,50			40 8,31	< width of end support
	2	60 40 6,50			60 40 8,31	< width of intermediate support < width of end support
	3	60 40 6,50			60 40 8,31	< width of intermediate support < width of end support




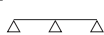

CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm SOUND T FTV-AC-200/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁴⁵ 9,12	10,57	< width of end support
	2	⁴⁵ 9,12	10,57	< width of end support
	3	⁴⁵ 9,12	10,57	< width of end support
2 	1	⁴⁰ 6,08	7,32	< width of end support
	2	⁶⁰ 6,08	7,32	< width of intermediate support < width of end support
	3	⁴⁰ 6,08	7,32	< width of intermediate support < width of end support
3 	1	⁴⁰ 6,83	8,55	< width of intermediate support < width of end support
	2	⁶⁰ 6,83	8,55	< width of intermediate support < width of end support
	3	⁴⁰ 6,83	8,55	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



CE

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm SOUND T FTV-AC-240/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁵⁶ 9,24	11,59	< width of end support
	2	⁵⁶ 9,24	11,59	< width of end support
	3	⁵⁶ 9,24	11,59	< width of end support
2 	1	⁴⁰ 5,28	6,04	< width of end support
	2	⁶⁰ ⁴⁰ 5,28	6,04	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,28	6,04	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,72	6,86	< width of end support
	2	⁶⁰ ⁴⁰ 5,72	6,86	< width of intermediate support < width of end support
	3	⁶⁰ ⁴⁰ 5,72	6,86	< width of intermediate support < width of end support




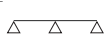

CE



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- 60 mm
- 80 mm
- 100 mm
- 120 mm
- 133 mm
- 150 mm
- 172 mm
- 200 mm
- 240 mm
- 250 mm

Trimoterm SOUND T FTV-AC-250/1000 SS; external: 0,55 mm internal: 0,55 mm

No. of spans	Colour group	CEILING WIND DOWNWARD [kN/m ²]	CEILING WIND UPWARD [kN/m ²]	
		+ 0,30	- 0,30	
1 	1	⁶⁰ 9,26	11,63	< width of end support
	2	⁶⁰ 9,26	11,63	< width of end support
	3	⁶⁰ 9,26	11,63	< width of end support
2 	1	⁴⁰ 5,31	6,03	< width of end support
	2	⁶⁰ 5,31	6,03	< width of intermediate support < width of end support
	3	⁴⁰ 5,31	6,03	< width of intermediate support < width of end support
3 	1	⁴⁰ 5,73	6,80	< width of intermediate support < width of end support
	2	⁶⁰ 5,73	6,80	< width of intermediate support < width of end support
	3	⁴⁰ 5,73	6,80	< width of intermediate support < width of end support

JOINT TYPE | STANDARD



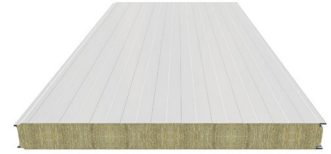
TRIMOTERM FTV

LOAD SPAN TABLES FOR FLAT ROOF



FR

Load span tables



FR1 Panel group Trimoterm POWER S

According to standard EN14509, a min. support width of 40 mm is required for end supports and 60 mm for intermediate supports. The span values take into account the following actions:

Colour Group I. & II. & III.: $(T_2 - T_1)_{\text{summer}} = +30^\circ\text{C}$ $(T_2 - T_1)_{\text{winter}} = -40^\circ\text{C}$
 Self-weight of panel: $\Delta_g = 0,05 \text{ kN/m}^2$ (watertight membrane on top of roof, not part of panel)

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-60/1000 SS; external: 0,70 mm internal: 0,70 mm

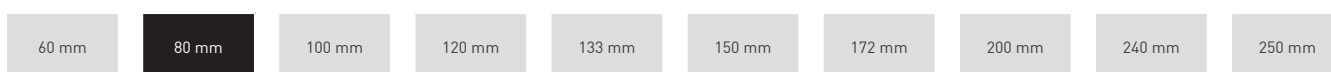
No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	40 3,93	40 3,94	40 3,04	40 2,42	40 2,00	40 1,71	40 1,49	40 1,33	40 1,19	40 1,08	40 0,99	40 0,91	< width of end support
2 	1	40 6,06	40 4,10	40 3,04	40 2,42	40 2,00	40 1,71	40 1,49	40 1,32	40 1,19	40 1,08	40 0,99	40 0,91	< width of end support
3 	1	40 6,06	40 4,10	40 3,04	40 2,42	40 2,00	40 1,71	40 1,49	40 1,32	40 1,19	40 1,08	40 0,99	40 0,91	< width of intermediate support
		60	60	60	60	60	60	60	60	60	60	60	60	< width of end support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	3,94	3,94	3,94	3,94	3,94	3,49	2,96	2,56	2,26	2,02	1,83	1,67
2 	1	6,92	6,92	6,36	5,34	4,27	3,49	2,96	2,56	2,26	2,02	1,83	1,67
3 	1	6,46	6,46	6,35	5,40	4,27	3,50	2,96	2,56	2,26	2,02	1,83	1,67

FR



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Trimoterm POWER S FTV-80/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	4,97 ⁴⁰	4,97 ⁴⁰	3,81 ⁴⁰	3,04 ⁴⁰	2,53 ⁴⁰	2,16 ⁴⁰	1,89 ⁴⁰	1,68 ⁴⁰	1,51 ⁴⁰	1,37 ⁴⁰	1,26 ⁴⁰	1,16 ⁴⁰	< width of end support
2 	1	7,56 ⁴⁰	5,10 ⁴⁰	3,81 ⁴⁰	3,04 ⁴⁰	2,53 ⁴⁰	2,16 ⁴⁰	1,89 ⁴⁰	1,68 ⁴⁰	1,51 ⁴⁰	1,37 ⁴⁰	1,26 ⁴⁰	1,16 ⁴⁰	< width of end support < width of intermediate support
3 	1	7,58 ⁴⁰	5,10 ⁴⁰	3,81 ⁴⁰	3,04 ⁴⁰	2,53 ⁴⁰	2,16 ⁴⁰	1,89 ⁴⁰	1,68 ⁴⁰	1,51 ⁴⁰	1,37 ⁴⁰	1,26 ⁴⁰	1,16 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	4,97	4,97	4,97	4,97	4,95	4,31	3,64	3,14	2,77	2,48	2,24	2,05
2 	1	7,56	7,56	7,51	6,27	5,27	4,30	3,64	3,15	2,77	2,48	2,24	2,05
3 	1	7,88	7,88	7,60	6,40	5,28	4,30	3,64	3,15	2,77	2,48	2,24	2,05

JOINT TYPE | STANDARD



FR

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-100/1000 SS; external: 0,70 mm internal: 0,70 mm

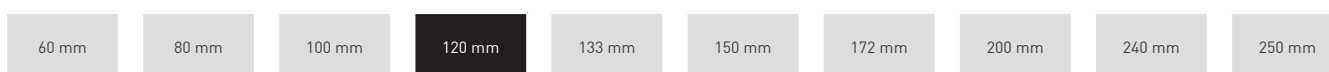
No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	5,93 ⁴⁰	5,91 ⁴⁰	4,67 ⁴⁰	3,74 ⁴⁰	3,12 ⁴⁰	2,68 ⁴⁰	2,34 ⁴⁰	2,09 ⁴⁰	1,88 ⁴⁰	1,71 ⁴⁰	1,57 ⁴⁰	1,45 ⁴⁰	< width of end support
2 	1	8,12 ⁴⁰	6,20 ⁴⁰	4,67 ⁴⁰	3,74 ⁴⁰	3,12 ⁴⁰	2,68 ⁴⁰	2,34 ⁴⁰	2,08 ⁴⁰	1,88 ⁴⁰	1,71 ⁴⁰	1,57 ⁴⁰	1,45 ⁴⁰	< width of end support < width of intermediate support
3 	1	8,74 ⁴⁰	6,20 ⁴⁰	4,67 ⁴⁰	3,74 ⁴⁰	3,12 ⁴⁰	2,68 ⁴⁰	2,34 ⁴⁰	2,08 ⁴⁰	1,88 ⁴⁰	1,71 ⁴⁰	1,57 ⁴⁰	1,45 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	5,93	5,93	5,93	5,93	5,91	5,46	4,60	3,98	3,50	3,13	2,83	2,58
2 	1	8,12	8,12	8,12	7,12	6,23	5,46	4,60	3,98	3,50	3,13	2,83	2,58
3 	1	9,14	9,14	8,71	7,30	6,41	5,46	4,60	3,98	3,50	3,13	2,83	2,58

FR



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Trimoterm POWER S FTV-120/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	6,80 ⁴⁰	6,70 ⁴⁰	5,49 ⁴⁰	4,42 ⁴⁰	3,69 ⁴⁰	3,18 ⁴⁰	2,79 ⁴⁰	2,48 ⁴⁰	2,24 ⁴⁰	2,04 ⁴⁰	1,87 ⁴⁰	1,73 ⁴⁰	< width of end support
2 	1	8,57 ⁴⁰	7,24 ⁴⁰	5,48 ⁴⁰	4,42 ⁴⁰	3,70 ⁴⁰	3,18 ⁴⁰	2,79 ⁴⁰	2,48 ⁴⁰	2,24 ⁴⁰	2,04 ⁴⁰	1,87 ⁴⁰	1,72 ⁴⁰	< width of end support < width of intermediate support
3 	1	9,80 ⁴⁰	7,24 ⁴⁰	5,49 ⁴⁰	4,41 ⁴⁰	3,70 ⁴⁰	3,18 ⁴⁰	2,78 ⁴⁰	2,48 ⁴⁰	2,24 ⁴⁰	2,04 ⁴⁰	1,87 ⁴⁰	1,72 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	6,80	6,80	6,80	6,80	6,80	6,28	5,59	4,83	4,25	3,79	3,42	3,12
2 	1	8,57	8,57	8,57	7,87	6,86	6,18	5,59	4,82	4,24	3,79	3,42	3,12
3 	1	10,27	10,27	9,82	8,19	7,18	6,46	5,59	4,83	4,24	3,79	3,42	3,12

JOINT TYPE | STANDARD



FR

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-133/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	7,32 ⁴⁰	7,17 ⁴⁰	5,86 ⁴⁰	4,74 ⁴⁰	3,97 ⁴⁰	3,42 ⁴⁰	3,00 ⁴⁰	2,67 ⁴⁰	2,41 ⁴⁰	2,20 ⁴⁰	2,02 ⁴⁰	1,86 ⁴⁰	< width of end support
2 	1	8,49 ⁴⁰	7,71 ⁴⁰	5,86 ⁴⁰	4,74 ⁴⁰	3,97 ⁴⁰	3,42 ⁴⁰	3,00 ⁴⁰	2,67 ⁴⁰	2,41 ⁴⁰	2,20 ⁴⁰	2,02 ⁴⁰	1,86 ⁴⁰	< width of end support < width of intermediate support
3 	1	10,43 ⁴⁰	7,70 ⁴⁰	5,86 ⁴⁰	4,73 ⁴⁰	3,97 ⁴⁰	3,42 ⁴⁰	3,00 ⁴⁰	2,67 ⁴⁰	2,41 ⁴⁰	2,20 ⁴⁰	2,02 ⁴⁰	1,86 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	7,32	7,32	7,32	7,32	7,32	6,76	6,16	5,31	4,67	4,16	3,75	3,42
2 	1	8,49	8,49	8,49	8,27	7,19	6,47	5,95	5,31	4,67	4,16	3,76	3,42
3 	1	10,92	10,92	10,41	8,66	7,58	6,82	6,16	5,31	4,67	4,16	3,76	3,42

FR



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Trimoterm POWER S FTV-150/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	7,95 ⁴⁰	7,74 ⁴⁰	6,50 ⁴⁰	5,27 ⁴⁰	4,43 ⁴⁰	3,82 ⁴⁰	3,35 ⁴⁰	2,99 ⁴⁰	2,70 ⁴⁰	2,46 ⁴⁰	2,26 ⁴⁰	2,09 ⁴⁰	< width of end support
2 	1	8,34 ⁴⁰	7,95 ⁴⁰	6,50 ⁴⁰	5,27 ⁴⁰	4,43 ⁴⁰	3,81 ⁴⁰	3,35 ⁴⁰	2,99 ⁴⁰	2,70 ⁴⁰	2,46 ⁴⁰	2,26 ⁴⁰	2,09 ⁴⁰	< width of end support < width of intermediate support
3 	1	10,82 ⁴⁰	8,50 ⁴⁰	6,50 ⁴⁰	5,27 ⁴⁰	4,42 ⁴⁰	3,82 ⁴⁰	3,36 ⁴⁰	2,99 ⁴⁰	2,70 ⁴⁰	2,46 ⁴⁰	2,26 ⁴⁰	2,09 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	7,95	7,95	7,95	7,95	7,95	7,26	6,64	5,95	5,23	4,66	4,20	3,82
2 	1	8,34	8,34	8,34	8,34	7,52	6,76	6,21	5,79	5,23	4,66	4,20	3,83
3 	1	10,87	10,87	10,87	9,25	8,08	7,26	6,64	5,95	5,23	4,66	4,20	3,83

JOINT TYPE | STANDARD



FR

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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-172/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	8,72 ⁴⁰	8,72 ⁴⁰	8,45 ⁴⁰	7,12 ⁴⁰	5,80 ⁴⁰	4,89 ⁴⁰	4,22 ⁴⁰	3,72 ⁴⁰	3,32 ⁴⁰	3,00 ⁴⁰	2,74 ⁴⁰	2,52 ⁴⁰	< width of end support
2 	1	8,20 ⁴⁰	8,20 ⁴⁰	8,17 ⁴⁰	7,12 ⁴⁰	5,79 ⁴⁰	4,89 ⁴⁰	4,22 ⁴⁰	3,72 ⁴⁰	3,32 ⁴⁰	3,00 ⁴⁰	2,74 ⁴⁰	2,51 ⁴⁰	< width of end support < width of intermediate support
3 	1	10,71 ⁴⁰	10,71 ⁴⁰	9,24 ⁴⁰	7,12 ⁴⁰	5,80 ⁴⁰	4,88 ⁴⁰	4,22 ⁴⁰	3,72 ⁴⁰	3,32 ⁴⁰	3,00 ⁴⁰	2,74 ⁴⁰	2,51 ⁴⁰	< width of end support < width of intermediate support

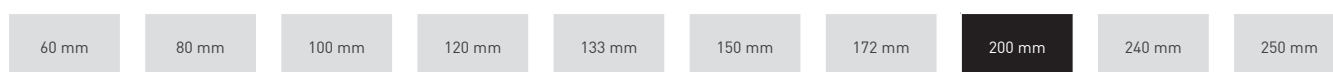
No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	8,72	8,72	8,72	8,72	8,70	7,80	7,14	6,62	5,88	5,23	4,72	4,29
2 	1	8,20	8,20	8,20	8,20	7,96	7,13	6,54	6,09	5,74	5,23	4,72	4,29
3 	1	10,71	10,71	10,71	10,00	8,70	7,80	7,14	6,62	5,87	5,23	4,71	4,29



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Trimoterm POWER S FTV-200/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	9,61 ⁴⁰	9,25 ⁴⁰	7,87 ⁴⁰	6,44 ⁴⁰	5,45 ⁴⁰	4,72 ⁴⁰	4,16 ⁴⁰	3,72 ⁴⁰	3,37 ⁴⁰	3,07 ⁴⁰	2,83 ⁴⁰	2,62 ⁴⁰	< width of end support
2 	1	7,98 ⁴⁰	7,98 ⁴⁰	7,52 ⁴⁰	6,43 ⁴⁰	5,44 ⁴⁰	4,72 ⁴⁰	4,16 ⁴⁰	3,72 ⁴⁰	3,37 ⁴⁰	3,07 ⁴⁰	2,83 ⁴⁰	2,62 ⁴⁰	< width of end support < width of intermediate support
3 	1	10,44 ⁴⁰	9,60 ⁴⁰	7,87 ⁴⁰	6,44 ⁴⁰	5,44 ⁴⁰	4,72 ⁴⁰	4,16 ⁴⁰	3,72 ⁴⁰	3,37 ⁴⁰	3,07 ⁴⁰	2,83 ⁴⁰	2,62 ⁴⁰	< width of end support < width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	9,61	9,61	9,61	9,61	9,43	8,44	7,71	7,14	6,60	5,87	5,29	4,81
2 	1	7,98	7,98	7,98	7,98	7,98	7,55	6,91	6,44	6,06	5,75	5,29	4,81
3 	1	10,44	10,44	10,44	10,44	9,43	8,44	7,71	7,14	6,60	5,87	5,28	4,80

JOINT TYPE | STANDARD



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60 mm	80 mm	100 mm	120 mm	133 mm	150 mm	172 mm	200 mm	240 mm	250 mm
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Trimoterm POWER S FTV-240/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 10,73	⁴⁸ 10,28	⁵⁴ 8,65	⁵⁴ 7,12	⁵⁵ 6,06	⁵⁵ 5,27	⁵⁵ 4,66	⁵⁵ 4,18	⁵⁵ 3,79	⁵⁴ 3,46	⁵⁴ 3,19	⁵⁴ 2,96	< width of end support
2 	1	⁴⁰ 7,44	⁴⁰ 7,44	⁴¹ 7,44	⁵⁴ 7,08	⁵⁴ 6,06	⁵⁵ 5,27	⁵⁴ 4,66	⁵⁵ 4,18	⁵⁵ 3,79	⁵⁴ 3,46	⁵⁴ 3,19	⁵⁴ 2,95	< width of end support
3 	1	⁴⁰ 9,67	⁴³ 9,64	⁵⁴ 8,64	⁵⁵ 7,12	⁵⁵ 6,06	⁵⁴ 5,26	⁵⁴ 4,66	⁵⁵ 4,18	⁵⁵ 3,79	⁵⁴ 3,46	⁵⁴ 3,19	⁵⁴ 2,95	< width of end support
		⁶⁰	⁶⁰	⁸¹	¹⁰⁷	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	< width of intermediate support
		⁶⁰	⁸⁴	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	¹⁰⁸	< width of intermediate support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	10,73	10,73	10,73	10,73	10,44	9,32	8,49	7,85	7,33	6,82	6,13	5,57
2 	1	7,44	7,44	7,44	7,44	7,44	7,44	7,28	6,78	6,38	6,06	5,79	5,56
3 	1	9,67	9,67	9,67	9,67	9,67	9,06	8,21	7,57	7,07	6,67	6,13	5,56



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Trimoterm POWER S FTV-250/1000 SS; external: 0,70 mm internal: 0,70 mm

No. of spans	Colour group	FLAT ROOF SNOW LOAD [kN/m ²]												
		+ 0,25	+ 0,50	+ 0,75	+ 1,00	+ 1,25	+ 1,50	+ 1,75	+ 2,00	+ 2,25	+ 2,50	+ 2,75	+ 3,00	
1 	1	⁴⁰ 10,93	⁵² 10,48	⁵⁸ 8,84	⁵⁸ 7,31	⁵⁸ 6,23	⁵⁹ 5,42	⁵⁹ 4,81	⁵⁹ 4,31	⁵⁸ 3,91	⁵⁸ 3,58	⁵⁸ 3,30	⁵⁸ 3,06	< width of end support
2 	1	⁴⁰ 7,47	⁴⁰ 7,47	⁴³ 7,47	⁵⁷ 7,17	⁵⁸ 6,22	⁵⁸ 5,42	⁵⁹ 4,81	⁵⁹ 4,31	⁵⁸ 3,91	⁵⁸ 3,58	⁵⁸ 3,30	⁵⁸ 3,06	< width of end support
3 	1	⁶⁰ 9,64	⁶⁰ 9,64	⁸⁵ 8,74	¹¹² 7,31	¹¹⁶ 6,23	¹¹⁶ 5,42	¹¹⁶ 4,81	¹¹⁶ 4,31	¹¹⁶ 3,91	¹¹⁶ 3,58	¹¹⁶ 3,30	¹¹⁶ 3,06	< width of intermediate support
		⁴⁰ 9,64	⁴⁵ 9,64	⁵⁷ 8,74	⁵⁹ 7,31	⁵⁸ 6,23	⁵⁸ 5,42	⁵⁹ 4,81	⁵⁹ 4,31	⁵⁸ 3,91	⁵⁸ 3,58	⁵⁸ 3,30	⁵⁸ 3,06	< width of end support

No. of spans	Colour Group	FLAT ROOF WIND SUCTION [kN/m ²]											
		- 0,25	- 0,50	- 0,75	- 1,00	- 1,25	- 1,50	- 1,75	- 2,00	- 2,25	- 2,50	- 2,75	- 3,00
1 	1	10,92	10,92	10,92	10,92	10,75	9,57	8,71	8,05	7,52	7,08	6,43	5,84
2 	1	7,47	7,47	7,47	7,47	7,47	7,47	7,47	6,96	6,54	6,21	5,93	5,70
3 	1	9,64	9,64	9,64	9,64	9,64	9,35	8,46	7,79	7,26	6,84	6,43	5,84

JOINT TYPE | STANDARD



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