TRIMO

ARCHITECTURAL SOLUTIONS

BACKING WALL SYSTEM

EN



Design freedom

A FAÇADE WITH ENDLESS POSSIBILITIES.

Les Lisses, Paris, RB-A, France

Every façade starts with an idea. Different materials, colours, textures and formats give architects the freedom to turn that idea into a distinctive architectural expression.

At the same time, the façade must fulfil essential building envelope functions, providing thermal performance, fire safety, airtightness, weather protection and structural support.

Architectural expression

Freedom · Materials · Flexibility

What is behind it

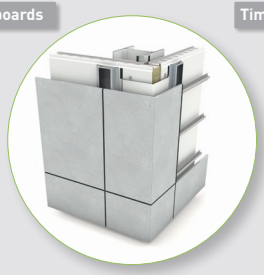
Load transfer, Temperature control,
Fire safety, Air leakage and heat loss prevention

Freedom across every building type

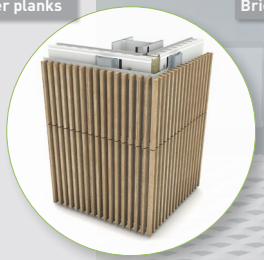
From logistics centres and data centres to commercial buildings and landmark architecture, every project deserves the freedom to create a distinctive façade.

Explore options ↓

HPL boards



Timber planks



Brick slip cladding



Green wall cassettes



Metal cladding



Cover image: Logistikcenter til Bestseller, Denmark

Backing Wall

ONE PLATFORM. MULTIPLE FUNCTIONS.

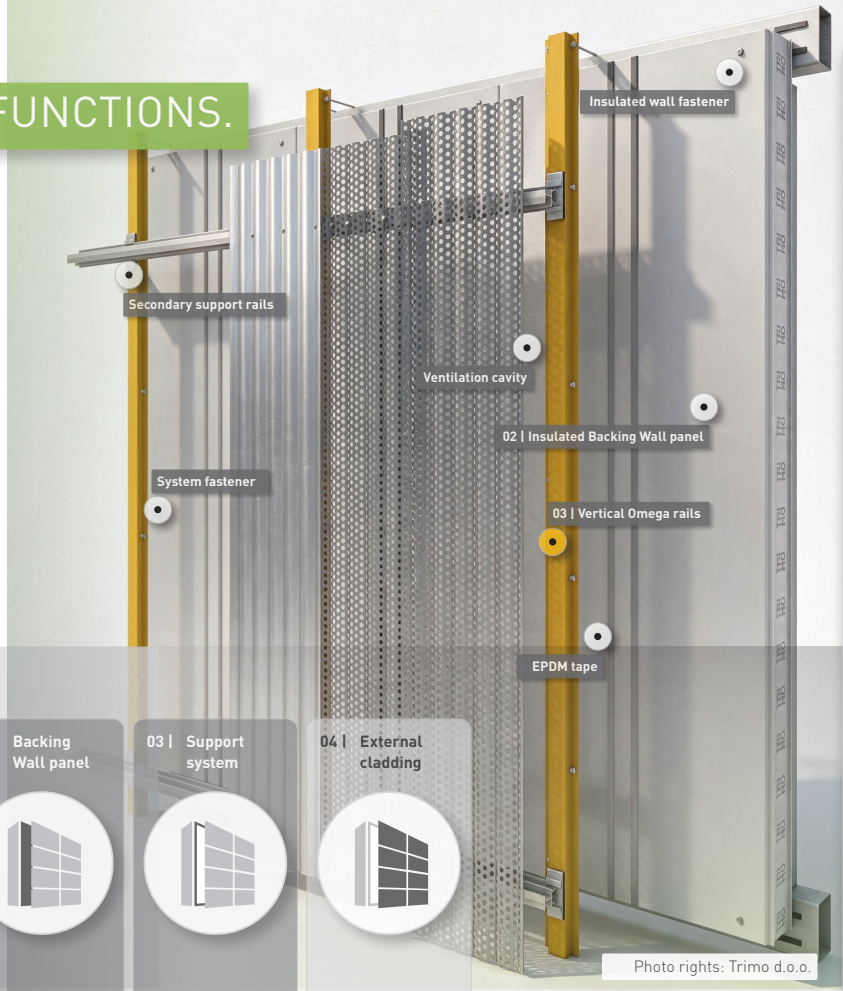
The system

Trimo Backing Wall transforms a complex built-up façade into a predictable engineered platform.

A prefabricated insulated panel forms the thermal, airtight and fire-safe building envelope, while Omega rails and secondary supports provide the connection for a wide range of external cladding solutions.

Simplify the build-up

Backing Wall integrates several building-envelope functions into a significantly simpler wall build-up. Fewer installation steps make the building weathertight sooner, so interior works can start earlier.



BW panel

Fire performance

Thermal insulation

Water & airtightness

Certified products

Fewer layers, faster installation

steel structure
Backing Wall System
secondary rails
cladding finish

4 stages

01 | Steel structure

02 | Backing Wall panel

03 | Support system

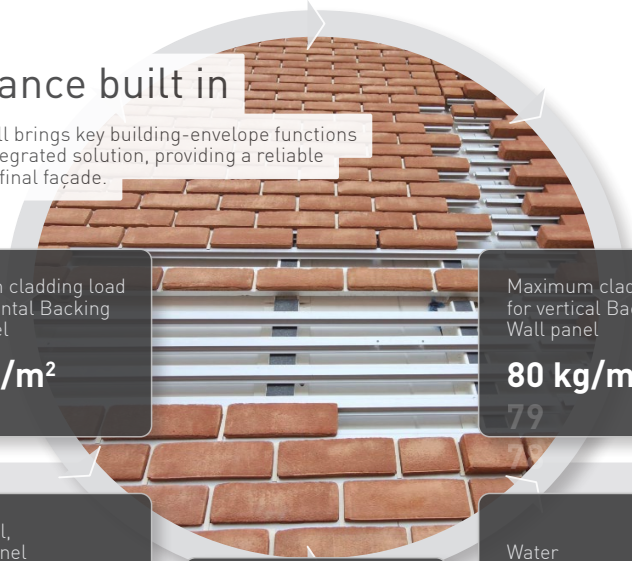
04 | External cladding

Engineered for trust

DESIGN WHAT'S VISIBLE. TRUST WHAT'S BEHIND IT.

Performance built in

Trimo Backing Wall brings key building-envelope functions together in one integrated solution, providing a reliable foundation for the final façade.



Maximum cladding load for horizontal Backing Wall panel

65 kg/m²

64

Maximum cladding load for vertical Backing Wall panel

80 kg/m²

79

Structural, single-panel test load

1.2 t

1.1 t

1.0 t

0.9 t

0.8 t

Fire resistance up to

EI 120

EI 115

EI 110

Water permeability

1,200 Pa

1,100 Pa

1,000 Pa

0,900 Pa

0,800 Pa

01 Up to 80 kg/m²

External cladding load capacity

02 Down to 0.17 W/m²K

Thermal transmittance

03 Product quality

Factory control of panel manufacture

Performance depends on the selected Backing Wall configuration, supporting structure, cladding system, fixing arrangement and project-specific design.

Les Ulis, Paris, RB-A, France

Service and downloads

FROM CONCEPT TO CONSTRUCTION, WITH TRIMO.



You design the façade

From the initial idea to the final implementation, Trimo's expert team supports you at every phase of your project, from planning and architectural design to construction and handover.

Explore resources →

Start your Backing Wall project

Get support with system selection, structural loads, thermal performance, fire requirements and cladding integration.

↓ Explore our bookshelf

Design with confidence

System, components, performance and cladding options in one structured resource.

Specify with certainty

Loads, structural design, Omega rail selection, fire, thermal and airtightness data, approvals.

From concept to construction

BIM/CAD details connected directly to Trimo's project support.

Click to contact

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- Façade systems
- Product portfolio
- General

02 | TECHNICAL DOCUMENTS

- Façade systems
- Handbooks

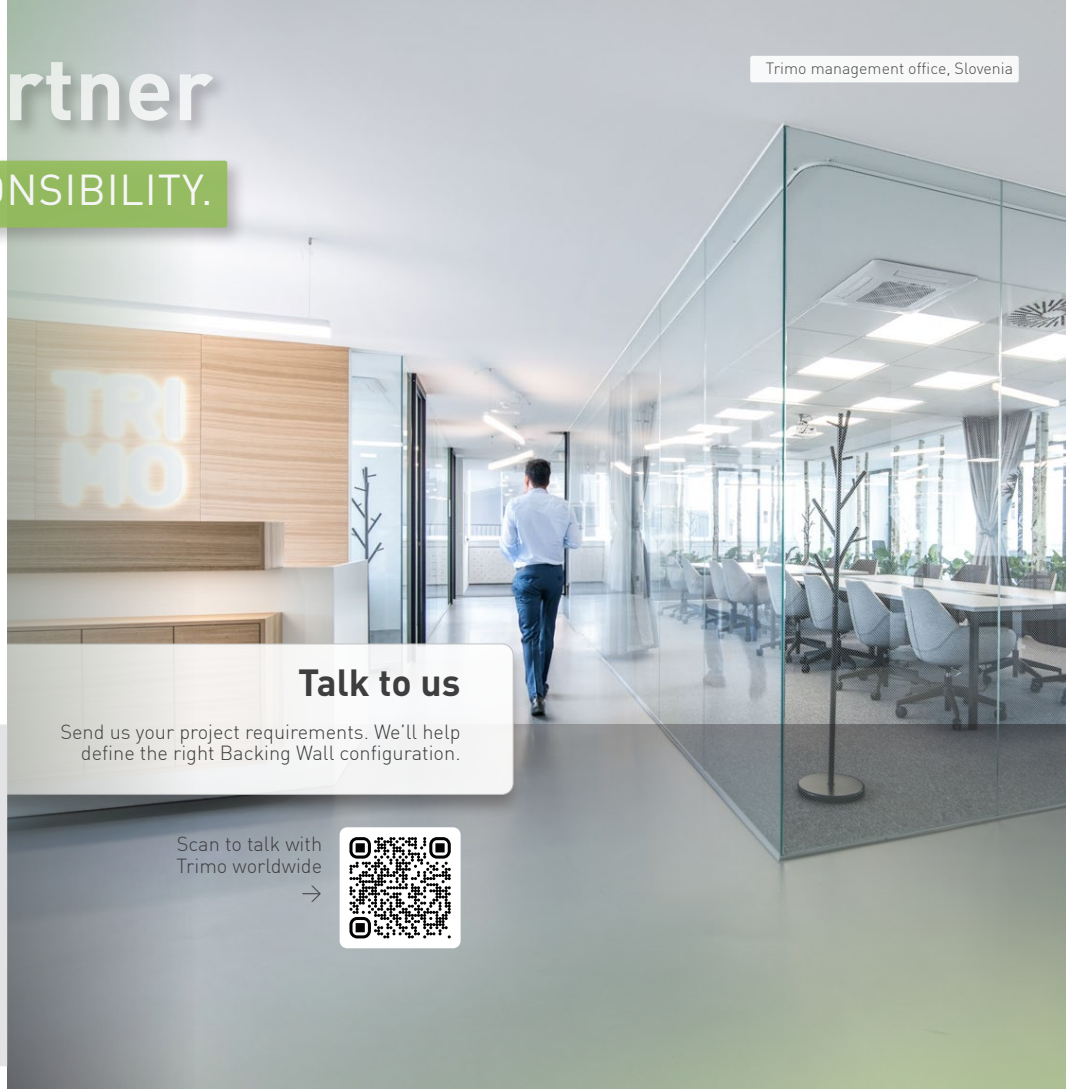
www.trimo-group.com/en/downloads

Trimo, your partner

ONE SUPPLIER, ONE RESPONSIBILITY.

Trimo is a high-quality global supplier of innovative, flexible, functional, energy-efficient architectural building envelope solutions.

Its operations focus on customers by understanding their needs and serving them with the highest level of service and the highest quality products. Trimo's work is underlined with the company's core values of partnership, reliability, responsibility, trust, innovation, and passion.



Trimo management office, Slovenia

Talk to us

Send us your project requirements. We'll help define the right Backing Wall configuration.

Scan to talk with Trimo worldwide →

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