

New Bi-Modular Cladding **TrimoRaster**

New modular façade system TrimoRaster



TrimoRaster is an important and **innovative product** in the market of modular façades. The system unites almost all of the relevant functional advantages of high-quality façade panels with top aesthetic design.

TrimoRaster allows the exclusivity and a representation effect of your buildings to be emphasised. It is perfect, not only for shopping and business centres, but also for banks, hotels and other buildings as they can all be proudly wrapped in new modular façade panels. **TrimoRaster** is the answer to modern minimalism where simple, accomplished forms combined with functional completeness and fast and simple assembly are required. Unlike similar existing cassette systems where only **aesthetic design** is of vital importance **TrimoRaster** offers a **self-supporting, insulating and fireproof** façade as a rewarding aesthetic experience. Such a façade emphasises purity of the architectural form and technical solution.

The **TrimoRaster** modular façade system is a façade with an emphasised joint (the famous shadow joint) where the longitudinal and transverse joints are optically of the same widths. **TrimoRaster** is available in various sizes and colours.

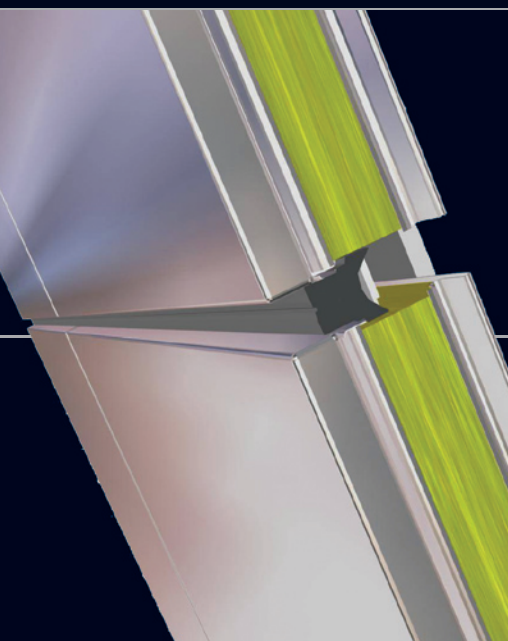
PURPOSE

For all buildings or parts of buildings with a spirit of exclusivity and of a representation effect.



ADVANTAGES 4 in 1

- Aesthetics
- Self-supporting character
- Insulation
- Fire resistance



COMPOSITION

The **TrimoRaster** panels consist of two both-sided galvanised and painted sheet steel and an insulating filling made of non-combustible lamellated mineral wool (class A1 EN ISO 1182).

BASIC TECHNICAL DATA

Basic profile: **External smooth 0.7 mm, Internal v-profile 0.5 mm**

Module width: **1000 mm (standard)**

Length: **1000 mm to 6500 mm**

Panel thickness: **80, 100, 120, 150, 200 mm**

Insulant Core: **mineral wool - density 120 kg/m³**

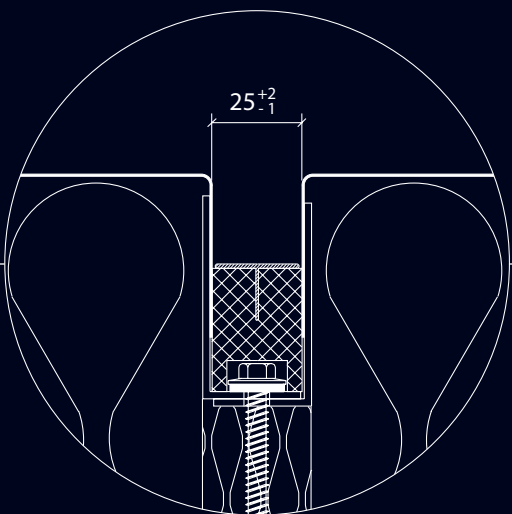
Coating: **external sheet metal - PVDF, internal sheet metal - polyester RAL 9002**

Colours (proposal): - Standard colours **RAL 9007, RAL 9006**

- Recommended colours **RAL 1035, RAL 1036, RAL 3033,**

RAL 2013, RAL 5025, RAL 6036, RAL 7048, RAL 8029

or other colours in accordance with the RAL scale



POSSIBILITY OF INSTALLATION

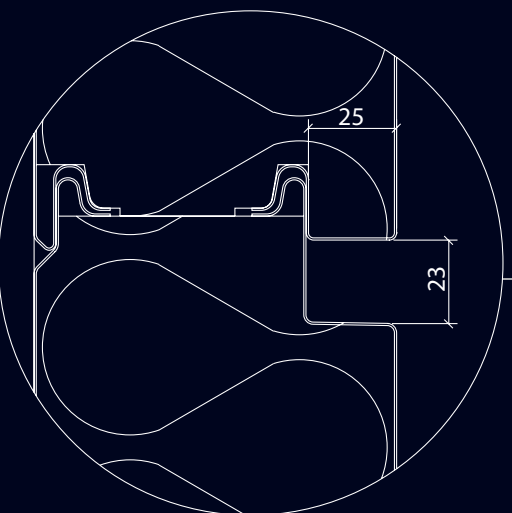
Steel structure

In instances where the length of a **TrimoRaster** panel is equal to the grid of the basic structure, a sub-structure is not required.

If the length of a **TrimoRaster** panel is shorter than the grid of the basic steel structure, a sub-structure is needed. Experts in statics should prepare a suitable calculation in this instance. Please contact Trimo if you require any additional information.

Concrete structure

A quickly assembled steel sub-structure will be used; it will enable levelling of uneven concrete or brick walls. Experts in statics should prepare a suitable calculation. Please contact Trimo if you require any detailed information.



CLOSING AND FINISHING ELEMENTS

The **TrimoRaster** modular system excels in several additional elements that enable unique solutions adjusted to individual buildings.

Corners

A sharp-edged corner with a shadow joint can be made of a **TrimoRaster** panel. A sharp-edged or rounded-off corner can be made from profiled sheet metal.

Flashing

Window and door flashing is made of extruded aluminium, other flashing is made of the same sheet metal as **TrimoRaster**.





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