



# SCAFFGUARD®

SCAFFOLDING CLADDING

FEW COMPONENTS, SIMPLE MODIFICATION, SYSTEM-FREE, THAT'S THE WAY FACADE ENCLOSURE SYSTEMS ARE TODAY!

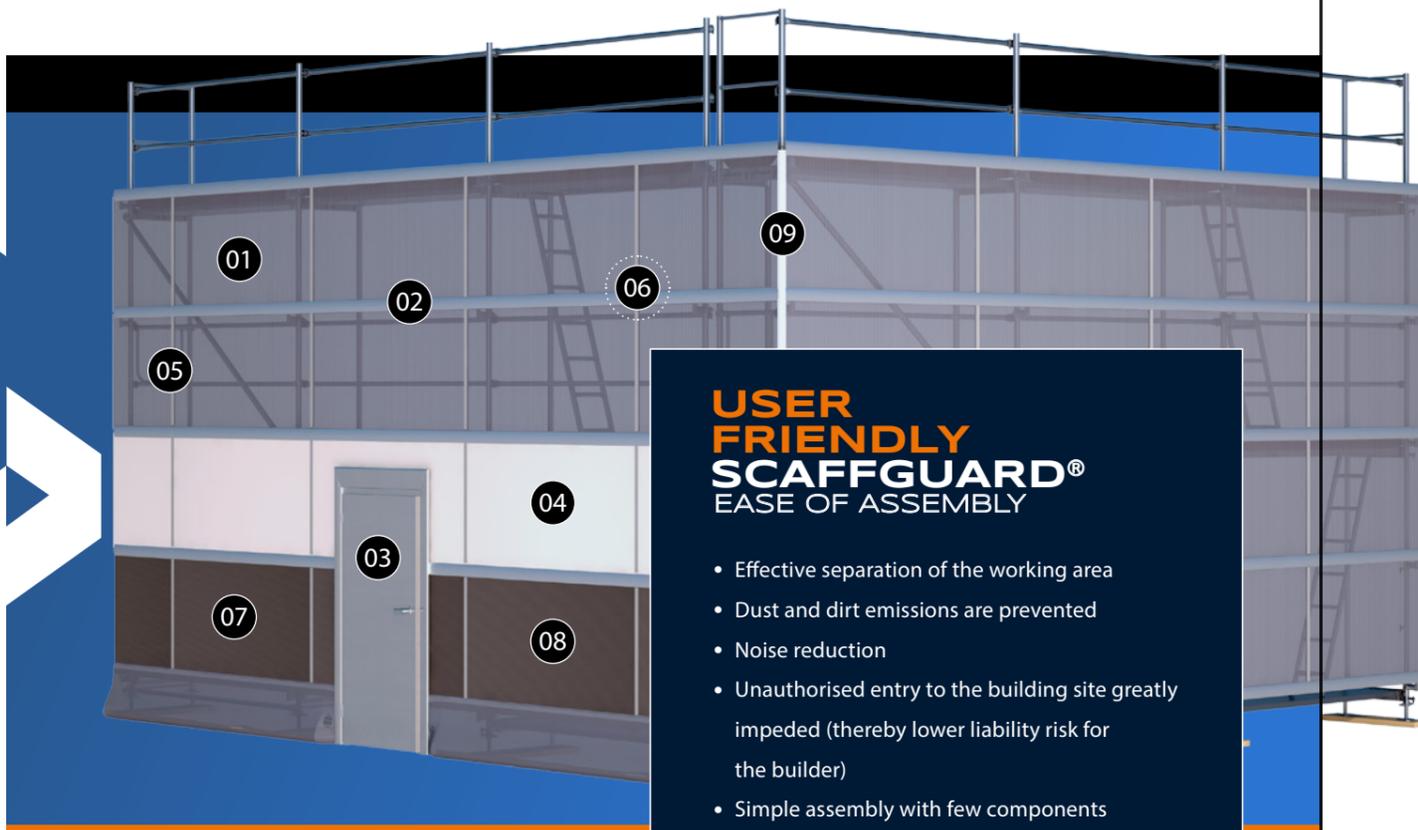
**Dust, dirt and noise must be contained!**

What facade enclosure is all about should be clear - that is why it is called so. Then, it is a question of simple storage and effective usability. And this is where the Scaffguard system has a lot to offer.

Instead of working with prefabricated, rigid special parts, which always have to be stored in the appropriate scaffold bay lengths, Scaffguard only needs a few, easy-to-handle standard components which can be easily modified and adapted to the most various application requirements.

- Light components
- High resilience
- System-independent
- Applicable for any bay length
- Simple-to-modify wall panel elements
- Various material options

**SMART  
DETAILS  
GREAT  
SOLUTIONS!**



**USER FRIENDLY SCAFFGUARD®**  
EASE OF ASSEMBLY

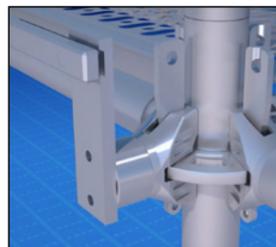
- Effective separation of the working area
- Dust and dirt emissions are prevented
- Noise reduction
- Unauthorised entry to the building site greatly impeded (thereby lower liability risk for the builder)
- Simple assembly with few components
- Low maintenance
- Light materials
- System-free

- 01 Wall panel - transparent
- 02 Aluminium rail
- 03 Door element
- 04 Wall panel - opal white
- 05 H-profile
- 06 Coupler
- 07 Sheet encasement
- 08 Wall panel - wood
- 09 Corner profile



**SEMI-COUPERS**

Scaffguard semi-coupler SW 22 high-speed thread, Art. No. 07211N / SW 19, Art. No. 07210N for flexible mounting on vertical, horizontal or inclined scaffold tubes.



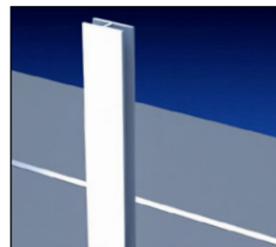
**RINGSCAFF COUPLERS**

Scaffguard coupler with Ringscaff ledger head, Art. No. E04RS1206N for rapid fitting to the modular scaffolding nodal points.



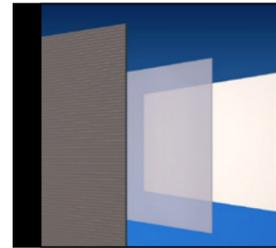
**ALUMINIUM RAILS**

Scaffguard aluminium rails for wall panels, length 6.00 m, Art. No. 07200N: the aluminium rails hold the wall panels and can be easily shortened.



**H-PROFILES AS PANEL CONNECTOR**

Scaffguard PVC H-shaped connecting profiles, white, length 0.90 m, Art. No. 07215N.



**WALL PANELS**

Scaffguard plastic panel COLOURLESS, B1, 0.979 m x 2.10 m, Art. No. 07221N.

Scaffguard plastic panel, OPAL WHITE, B1, 0.979 m x 2.10 m, Art. No. 07220N.

These plastic panels have a hollow chamber design and are very easy to transport thanks to their low weight.

Wooden panels, enhanced containment performance, translucent, 0.979 m x 2.00 m, Art. No. 07222N.



**CORNER PROFILE**

Scaffguard PVC corner profile, white, length 6.50 m, Art. No. 07216N.



**BUILDING DOORS**

W = 0.75 m x H = 1.95 m clearance opening, Art. No. 07218N.



**BUILDING DOORS**

Building door approx. W = 2.34 m x H = 2.48 m clearance opening, Art. No. 07217N.

**ASSEMBLY**



**Step 1: Fitting of couplers**

The couplers act as carrying elements for the aluminium rails. They are attached to every scaffold shaft at a horizontal clearance distance of 3 metres. Couplers can be mounted to face either upwards or downwards.

**Step 2: Attachment of the aluminium rails**

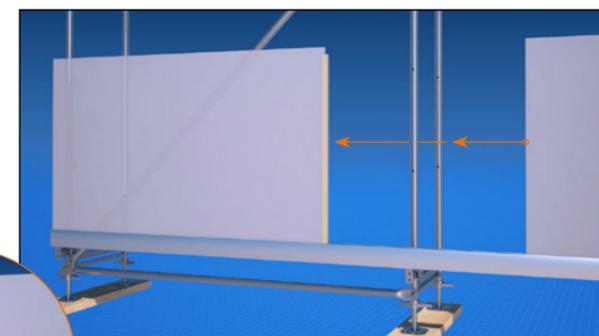
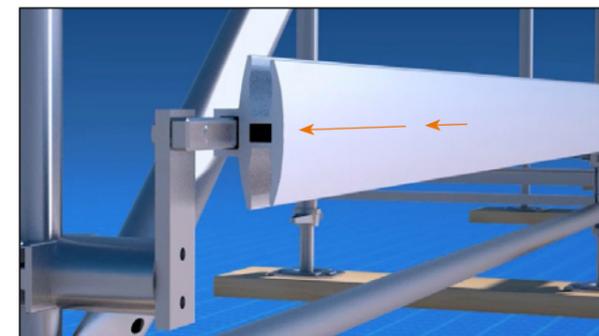
The aluminium rails attached to the couplers carry and affix the wall panels. Lengths of up to six metres are available: adapting the length to the exact fit can be easily accomplished with an angle grinder.

**Step 3: Fitting panels and connecting elements**

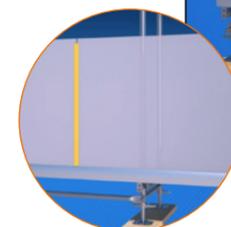
After mounting two aluminium rails at a vertical clearance distance of 1.00, insert the wall panels between the rails and push them through into their envisaged position lengthwise.

The first and last wall panel are to be affixed and secured to as to prevent any shifting as a result of wind or assembly work.

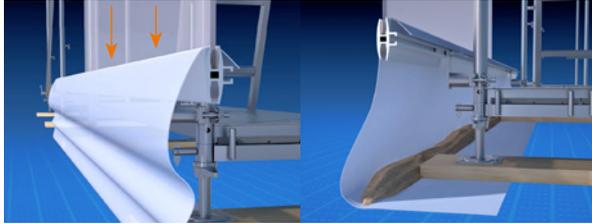
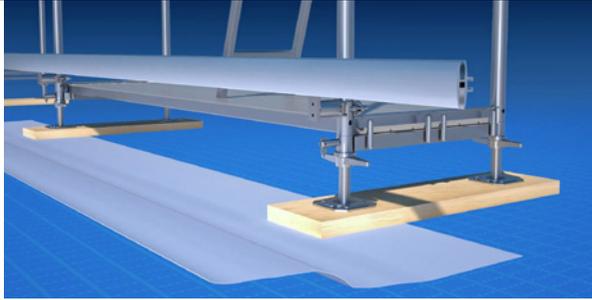
The wall panels are connected with one another with an H-profile. This means there is no gap at the connection of the wall panels.



**FILM ON!**  
Scaffguard can be seen in action in our animation



## SCAFOM-RUX SCAFFGUARD®



## ASSEMBLY

### Lower encasement – if needed!

A canvas or similar sheeting is attached to the lowermost aluminium rail to adapt the Scaffguard enclosure system to any uneven erection surfaces. In this respect, the sheeting needs to be laid out across the erection area before the scaffold is assembled.

To achieve a tight encasement at the ground, the sheeting can be weighted down with sand or any other material.

## WIND LOADS

The Scaffguard system is designed for horizontal wind loads of up to  $1.1 \text{ kN/m}^2$  (rated value). This corresponds to the wind loads recognized in the standard configuration of a scaffolding system pursuant to EN 12811. This calculation encompasses all horizontal distances of the aluminium profile/coupler attachments.

In other words, scaffold bay lengths of up to and including 3 m. In this context, the vertical distance between the aluminium profiles is 1,000 mm. The calculation refers exclusively to the system components delivered by Scafom-rux. No assessment regarding wind loads is provided for components, particularly panel material, from other sources.

Insofar as local circumstances require other scaffold bay lengths or wind loads to be considered, a separate certification may be required in specific cases. At particularly wind-exposed sections such as roof edge protrusions or corners of detached buildings, wooden panels are to be used, Art. No. 07222N.



## SCAFFPLANK

Robust building site protection with Standard planks or panels, system-free, can be ideally combined with Scaffguard!



<http://www.scafom-rux.com/media/sccaffplank.gif>

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