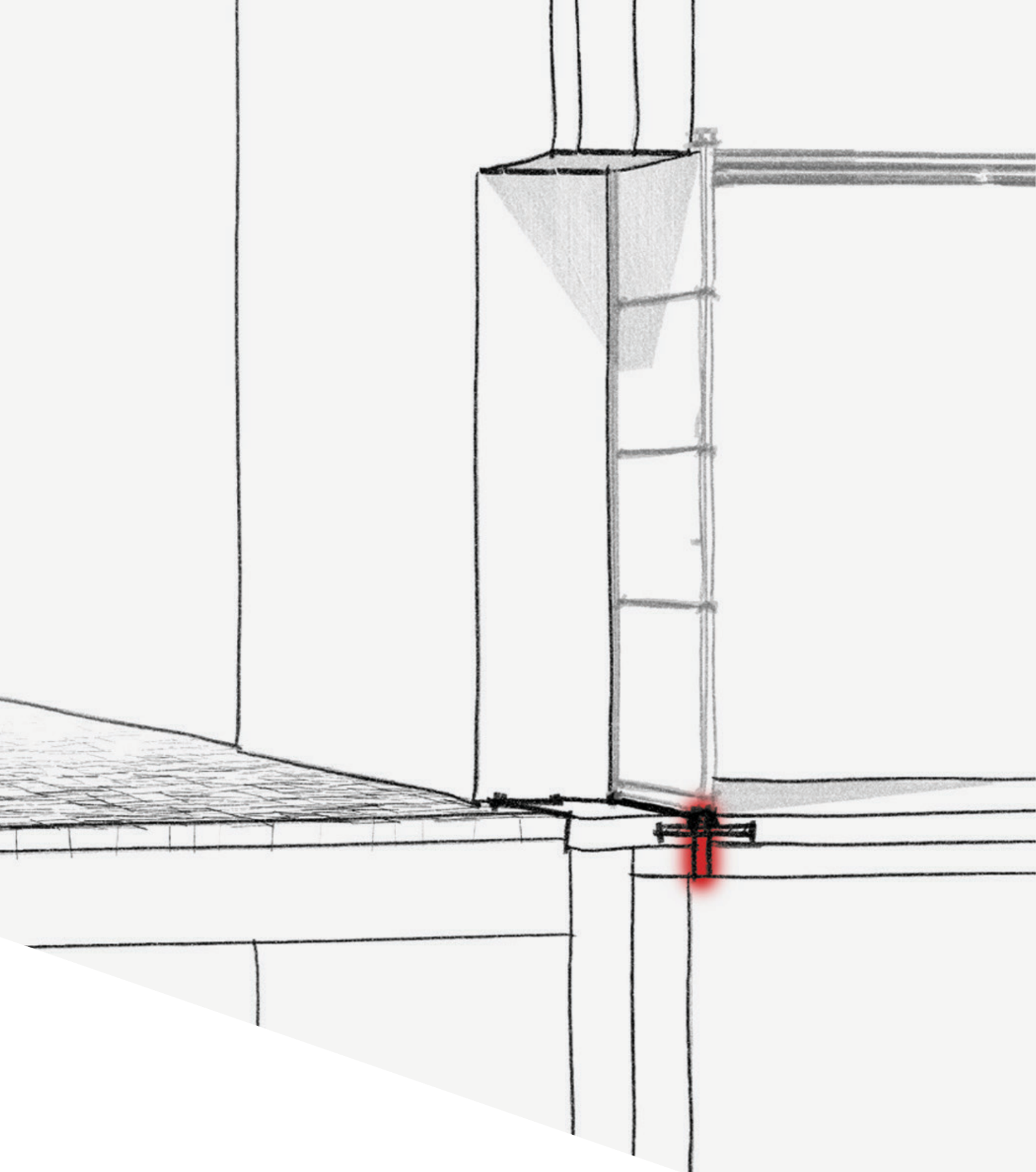




SOJLO®

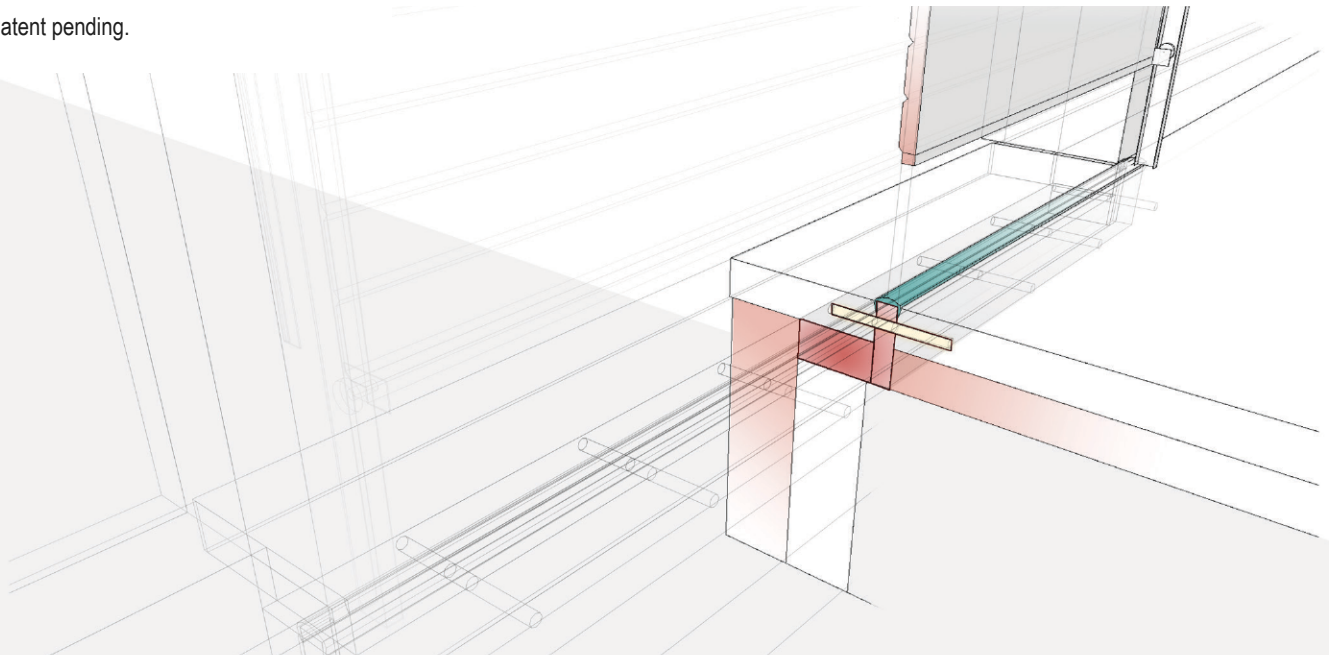
Thermal-bridge-free threshold for
overhead doors
in garages and warehouses

ENEREST 

Thermal-bridge-free, weather-resistant overhead-door threshold

The purpose of the SOJLO® door threshold is to minimise the thermal bridge at the junction of the overhead-door opening and the floor slab, while providing the best possible seal between the door leaf and the floor slab. To ensure optimum performance, the thermal-bridge-free threshold is made exclusively from durable, high-quality insulation and construction materials. Cellular-glass elements form a continuous linear insulation layer between the indoor and outdoor spaces and connect it to the foundation insulation.

Patent pending.



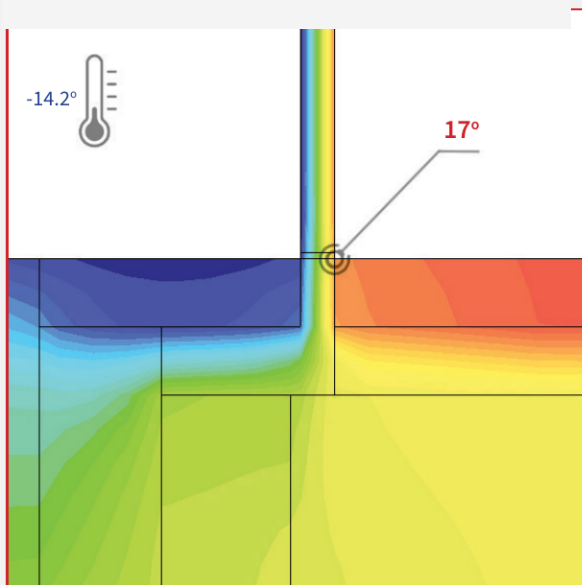
Applications

- Domestic garages with slab or strip foundations
- Industrial overhead-door openings
- Areas with automatically opening doors

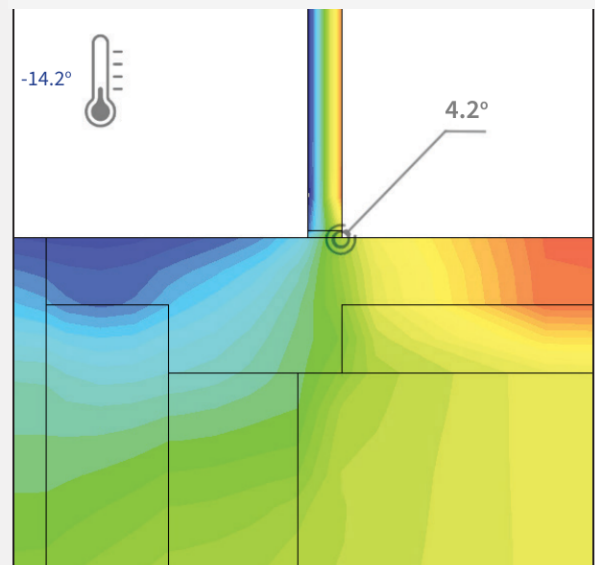
Benefits

- No steel connections - thermal-bridge-free
- Thermal break resistant to water-vapour diffusion
- Special weather-resistant seal

SOJLO® solution
 $\psi = 0.097 \text{ W/(mK)}$



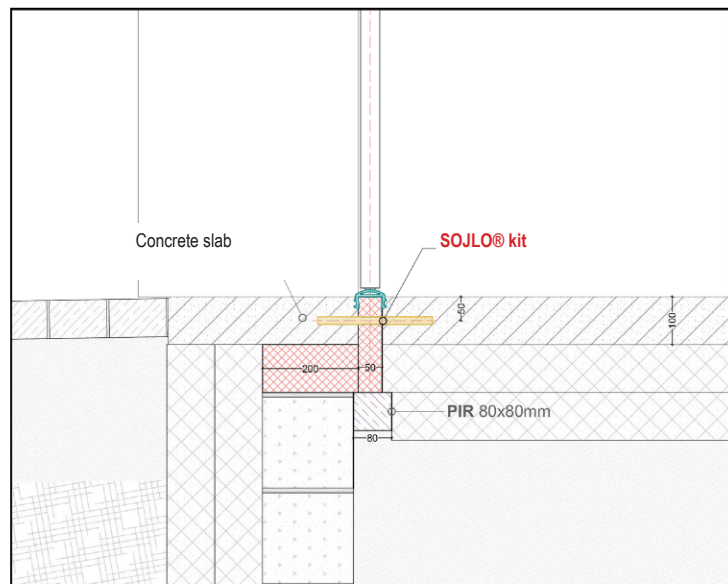
Conventional concrete-slab solution
 $\psi = 0.611 \text{ W/(mK)}$



Temperature comparison at the junction of the overhead door and floor slab at the average January temperature of -14.2 °C. SOJLO® reduces the linear thermal transmittance at the bottom edge of the door by 0.514 W/(m·K).

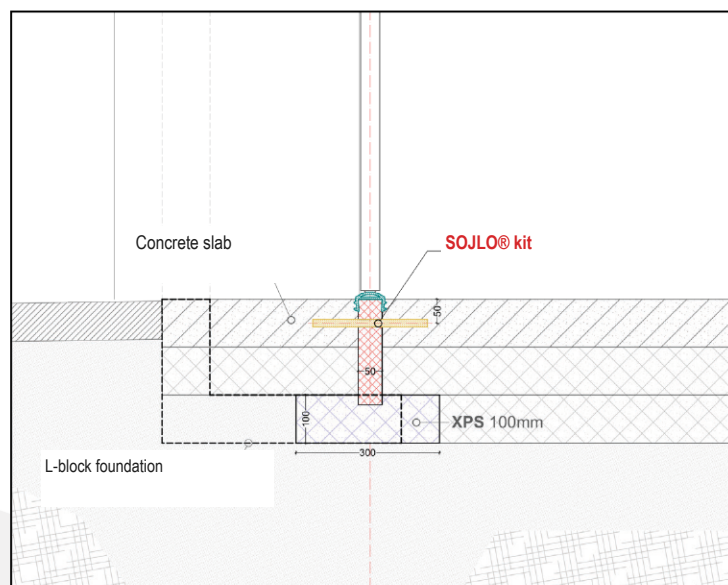
Solution for strip foundations

Glass-fibre rods are used in every SOJLO® threshold to connect the concrete slabs on either side of the overhead door. Their low thermal conductivity provides a thermal-bridge-free connection.



Solution for slab foundations

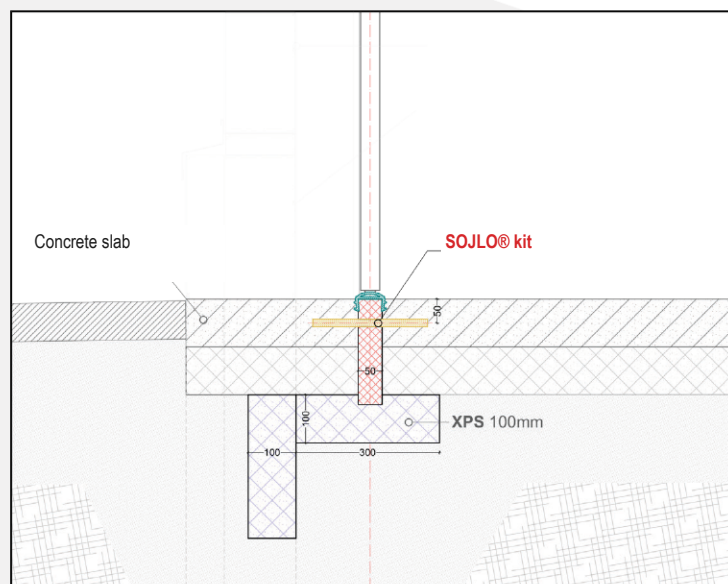
SOJLO® cellular-glass insulation provides the long-term compressive strength required at the threshold crossing, allowing vehicles to move smoothly between indoor and outdoor areas.



Warehouse solution

SOJLO®'s specially shaped rubber profile prevents water, dirt, debris, leaves and snow from entering the building and helps the descending door seal form a tight joint.

Suitable for frequently used door openings.



See the relevant installation guide for detailed instructions.

SOJLO® is available in several lengths

Solutions are available for door openings 3-4 m wide.
Contents of the SOJLO® 4.05 kit:

Glass-fibre anchors 350/200 mm, Ø12 mm

TPE U-profile 4.15 m

Cellular-glass insulation

Also included:

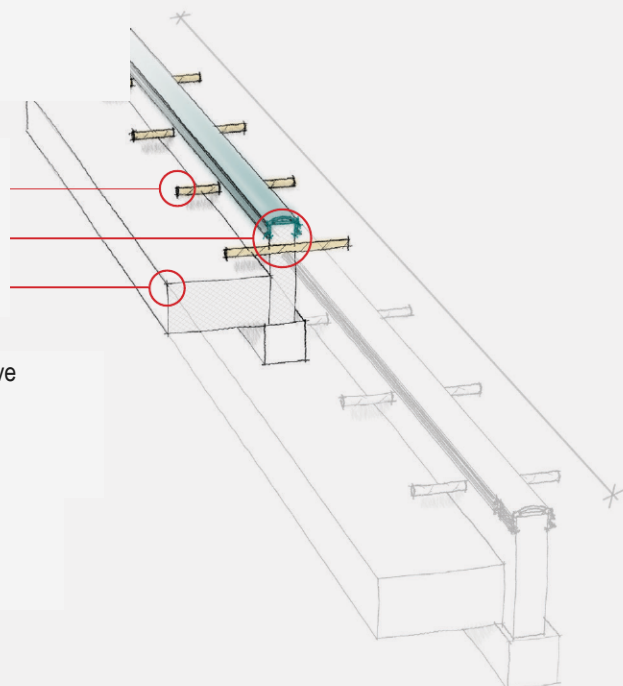
Cold-applied bitumen adhesive, MS hybrid adhesive and PU foam adhesive

PIR profile and expanding foam seal

Plastic insulation anchors and StickAll bitumen mastic

For more information, see the product-specific guides.

Custom solutions are also available.



Technical support

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