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## The structural connection concept for GU-thermostep threshold

Securing technology for you



# Three rugged components for structural connection

## Sealing of GU-thermostep thresholds



### The structural connection concept for GU-thermostep threshold

The components that make up the GU-thermostep threshold ①, profile extension ② and installation kit ③ have been tested and perfectly harmonised to produce a complete system. Gretsche-Unitas is therefore not only satisfying all energy saving criteria defined in the relevant regulations, but is also responding to the demand for an exceptionally high standard of living comfort.

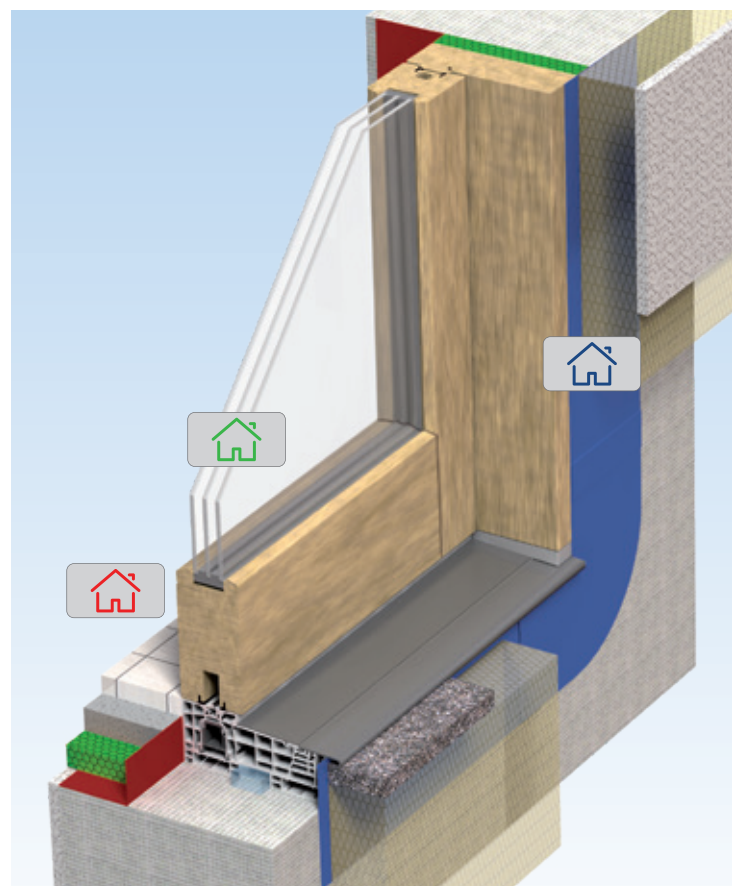
- Suitable for use with the GU-thermostep 164 and 204 thresholds
- Outstanding thermal insulation – approved for passive houses, prevents formation of condensate and mould
- High level of sound insulation
- Time-saving installation and building inspection without involvement of other trades
- Approved for fire protection class B1

### Application areas

- Sealing of Lift&Slide doors and windows against components in contact with the ground, such as cellar walls and ground slabs
- Sealing against ground moisture (capillary water, retained water) and non-accumulating seepage water (in allusion to DIN 18195 Part 4)
- Sealing of balconies and patios in the outdoor areas

### Characteristics of GU installation sets

- System tested by ift-Rosenheim
- Self-adhesive, simple to work with, immediately functioning
- Resistant to aging and weathering, UV-stabilised
- High resistance to tear thanks to cross-lamination of the film
- Water pressure tight up to 2 kPa (foil side)
- Solvent-free, bitumen-free, bitumen-compatible, non-corrosive
- Smooth film surface with webbing
- Thermal stability -40 °C to +90 °C
- Pretreat substrate with GU primer
- Fire behaviour B2 (euro class E)
- Compound material butyl, sd-value 150 m and webbing sd-value 0.5 m
- Material thickness 1.0 mm +/- 0.2 mm
- Successful compatibility testing of 2k liquids of WestWood Kunststofftechnik GmbH with GU installation butyl external tape and GU mounting corner brackets



A professional seal using the approved GU installation set for Lift&Slide elements achieves an optimum result in combination with the external, central and internal sealing levels



The structural connection concept consists of:

- ① GU-thermostep 164 and 204 thresholds
- ② GU-thermostep 164 and 204 extension profile
- ③ GU installation set: GU assembly brackets, GU butyl external tape



You can obtain detailed information on the GU-thermostep threshold from your contact partner in the field service!