TEROSON

Technical Data Sheet

TEROSON FO 1 FOIL-TACK

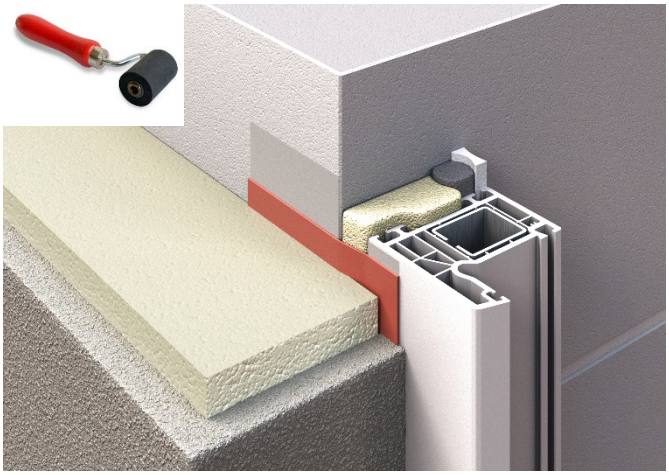
August 21

Plasterable, full-surface self-adhesive, vapor-permeable and driving rain-tight sealing strip for structural connections

PROPERTIES

- Self-adhesive over its entire surface, therefore immediately air-, wind- and driving rain-tight
- Can be plastered, taped and painted over
- Highly tearproof due to 3-layered structure with a middle plastic membrane
- Vapor-permeable (sd value < 1 m)
- Can be applied down to -5 °C
- Asymmetrically divided release film with finger lift
- Adhesion even on wet frames and profiles*
- Highly flexible, therefore easily moldable to the surface; no need for mechanical fastening
- Bitumen-resistant
- EMICODE EC 1 Plus certified
- Available on request: Product and manufacturer's declarations according to DGNB, LEED and BREEAM

**Adhesion on wet, non-absorbent surfaces like metal, PVC and laminated wooden frames. Carry out your own tests!*



POSSIBLE USES

- Vapor-permeable sealing of connection joints between facade elements and building structure
- For producing airtight connections in compliance with the relevant standards, as well as wind and driving rain tightness on the outer, cold side of the component
- Suitable for use with ETIC systems
- Enables the diffusion of any trapped moisture to the outside, thus protecting the functional level from condensate damage during later use

SUBSTRATE PREPARATION

Clean the substrate before fixing the sealing strip. The areas to be sealed must be load-bearing, sound and free from dust, release agents, oil, grease, sintered layers and other substances that may impair adhesion. Deep hollows, e.g. rock pockets or shrinkholes in the concrete, must first be filled. All metal substrates, e.g. element surfaces of aluminum or zinc, must be free of oxide layers and release agents.

At low temperatures make sure that the surfaces are free of ice crystals. Sharp or pointed irregularities must be removed. In the case of permeable substrates, e.g. coarse-pored exterior walls, it is necessary to apply a standard render (smooth trowel finish).

APPLICATION: Use of primers

On mineral, weakly bound but load-bearing substrates it is recommended to apply a TEROSON primer. In adverse weather conditions, the use of adhesion promoters is required on mineral substrates. Particularly suitable at low temperatures and on damp substrates is TEROSON PR Primer M+S (meets the requirements of DGNB, LEED and BREEAM). On wet substrates (no standing water), use TEROSON AD Adhesive Spray.

Please refer to the respective Technical Data Sheet and the corresponding Safety Data Sheet for information on how to use the primer.

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CONNECTION SEALS ON WINDOWS / FACADES

TEROSON FO 1 FOIL-TACK is equipped with an asymmetrically split release film. After peeling off the 20 mm wide film, this part of the sealing strip can be fixed cleanly and efficiently to the profile/frame. In the 2nd step, evenly pull the release film off the self-adhesive hotmelt coating. Press the strip firmly down to the substrate using the TEROSON hard rubber roller.

On the building structure, we recommend fixing the strip over a width of 40 mm. However, it is possible to reduce the width on smooth, clean, load-bearing substrates after prior consultation with our TEROSON facade expert. The decisive factor is always the adhesiveness and load-bearing capacity of the substrate. We recommend carrying out your own tests on site. Make sure to fix the strips in such a way that no capillary water can be absorbed and air pockets are avoided. Press the strips firmly down, especially in overlapping and edge areas, using the TEROSON hard rubber roller. The overlap width of adjoining strips should be approx. 50 mm. Additional mechanical fastening of TEROSON sealing strips is generally not required. Thanks to Henkel hotmelt technology, the sealing strip can be repositioned within a short time (up to 10 min depending on temp/RH). This also allows easy molding and sealing of corners. TEROSON FO 1 FOIL-TACK must be applied without tension in the joint area.

When covering the sealing strip with a plaster coat, follow the recommendations of the plaster manufacturers. Also observe the instructions given in the information sheet "Plastering of window connection strips" (issued by the Federal Association of the Gypsum Industry) and the ift / RAL "Guideline on the planning and installation of windows and front doors".

SUSTAINABLE BUILDING

On request, product and manufacturer's declarations for sustainable building can be made available. The documents meet the requirements of common certification and assessment systems such as DGNB, LEED and BREEAM.

CERTIFICATES

GEV-EMICODE EC 1 PLUS very low emission

WINTeQ System
Institute-tested quality by Teroson

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TECHNICAL DATA

TEROSON FO 1 FOIL-TACK

Material base:	3-layered polyester fleece strip combined with Henkel hotmelt technology
Color:	Light-grey, blue printing
Sealing strip thickness:	Approx. 0.6 mm
Fire resistance: (DIN EN 13501-1)	Class E
Watertightness:	1 bar / 24 h ≙ 10mW
Sd value (DIN EN ISO 12572):	≤ 1 m
Tensile strength in N/50 mm: (MD & TD / DIN EN 12310-1)	405 / 215
Tear resistance in N: (MD & TD / DIN EN 12310-1)	105/ 110
Dimensional stability in %: (MD & TD / DIN EN 1107-2)	Ca. -0,2 / ±0
Temperature resistance:	40 °C to +100 °C
Application temperature:	-5 °C to +35 °C
UV resistance:	12 months
Plaster- & paint ability:	provided
Roll dimensions:	60 m long, 75-150 mm wide 30 m long, 200-250 mm wide

STORAGE

Rolls of TEROSON FO 1 FOIL-TACK must be transported and stored in an upright position. Before use, the rolls must be protected from pressure, heat and moisture.

Shelf life: ≥ 36 months

DISPOSAL

The outer cartons of TEROSON FO 1 FOIL-TACK are disposed of at a wastepaper collection point or at municipal waste collection points. Residues of the strips must be disposed of as industrial waste / construction site waste.

European Waste Code (EWC): 080410

Henkel AG & Co. KGaA
Henkelstraße 67
40589 Düsseldorf, Germany

Phone: +49 211 797-0
Fax: +49 211 798-40 08
www.henkel.com

Henkel