



TEROSON FO 150 FOIL-TACK M+S

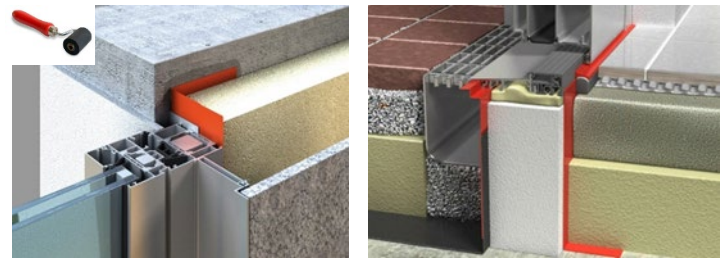
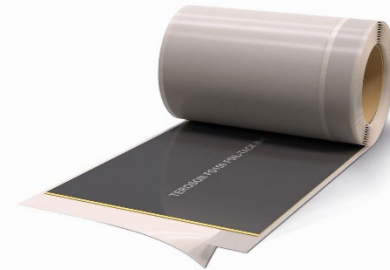
February 22

Full-surface self-adhesive, watertight and highly vapor-retarding special sealing strip for indoor and outdoor use as well as waterproofing of elements in contact with soil according to DIN 18533

PROPERTIES

- Self-adhesive over its entire surface
- Immediately water-, driving rain- and airtight
- No need for additional mechanical fastening
- Very strong vapor diffusion-retarding effect
- Bitumen-resistant
- Can be applied down to -5 °C
- Asymmetrically divided film with finger lift
- Highly tearproof special sealing strip with patented hotmelt technology
- Highly flexible, therefore easily moldable to the surface
- Adhesion even on wet frames/profiles*
- 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-retarding sealing of connection joints between facade elements and building structure against water, vapor and vapor convection inside the building and on the outer, warm side of the component
- For sealing concrete joints on ventilated, thermally insulated facades
- For providing protection against condensation when insulating ventilated facades
- Watertight sealing strip for use with all penetrations found on pitched roofs (roof windows, vent pipes etc.)
- Waterproofing of vertical and horizontal surfaces on the water-facing (positive) side of the component – outdoors and indoors
- Waterproofing of base slabs and earth-contacting walls against ground moisture and non-pressing water in compliance with DIN 18533-1 (water exposure classes W1.1-E, W1.2-E) and DIN 18533-2:2017-07, table 9
- Waterproofing of earth-covered ceilings (class W3-E)
- Waterproofing against capillary rise of moisture and as a water vapor barrier in the floor area under screeds (water exposure class W4-E)

SUBSTRATE PREPARATION

Clean the substrate before fixing the sealing strip. When used as building waterproofing (BA), the substrate must always be carried out in accordance with DIN 18533, Part 2.

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 shrink holes 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.

CONNECTION SEALS ON WINDOWS / FACADES

TEROSON FO 150 FOIL-TACK M+S is equipped with an asymmetrically divided release film. After peeling off the 30 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 50 mm. However, it is possible to reduce the width on smooth, clean, load-bearing substrates after consultation with the 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. Very uneven substrates must be levelled by applying an additional layer of TEROSON AD KDS.

Before connecting TEROSON FO 150 FOIL-TACK M+S sealing strips to other types of strips or membranes, please consult our Technical Service Department.

CONNECTION SEALS ON BUILDING WATERPROOFING (BA)

On the building structure, we recommend fixing the strip over a width of 100 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 hard rubber roller. Overlapping strips must be bonded on top of each other over a width of ≥ 50 mm. Additional mechanical fastening of TEROSON sealing strips is generally not required. After installation, cover the strips to protect them from direct sunlight as well as thermal and mechanical stress.

Full, optimum adhesion of the sealing strip to the surface is reached after approx. 24 hours.

When connecting the TEROSON FO 150 FOIL-TACK M + S sealing strip to other building waterproofing such as PVC-P-NB, FPO, PEHD, EPDM, FLK, elastomer & polymer bitumen, please consult a TEROSON facade expert prior to application.

PLEASE NOTE

When waterproofing building in compliance with DIN 18533-1/2, carried out sealing work must be protected in accordance with DIN 18533, Part 1.

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.

STORAGE

Rolls of TEROSON FO 50 150 FOIL-TACK M+S 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

CERTIFICATES

DIN EN 13967 (CE-certificate No. 01708)

General type approval (aBG of the DIBT / Z-72.4-23)



No: 01708

DISPOSAL

The outer cartons of TEROSON FO 150 FOIL-TACK M+S 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

TECHNICAL DATA

TEROSON FO 150 FOIL-TACK M+S

Material base:	Double-laminated special sealing strip combined with Henkel hotmelt technology
Color:	Anthracite
Length (EN 1848-2):	20 / 30 m ± 0,1 %
Width (EN 1848-2):	150-1000 mm ± 0,05 %
Thickness (EN 1849-2):	total - ca. 0,4 mm ± 10 % effect. 100µm ± 5 %
Area weight (EN 1849-2):	ca. 0,4 kg/m ² ± 0,03
Straightness (EN 1842-2):	passed
Visible defects (EN 1842-2):	passed
Application temperature:	-5 °C bis +35 °C
Cold flexibility: (EN 495-5)	> -30 °C
Tensile strength / Extension N/6mm): (EN 12311-2, method B)	≥ 25 N ≥ 30 %
Tear propagation resistance: (EN 12310-1)	> 100 N (Nail shank)
Resistance to static load (EN 12730):	≤ 5 kg (test method B)
Resistance to impact: (EN 12691):	≤ 150 mm (test method A) ≤ 500 mm (test method B)
Shear resistance of the seams: (EN 12371-2)	> 125 N/50 mm
Durability with artificial aging: (EN 1296 & EN 1928)	passed
Resistance to chemicals: (DIN EN 847 & EN 1928)	passed
Water vapor permeability: (EN 1931 (m ² sPa/kg))	4,0 ± 30% / sd-value = 102 m
Watertightness (EN 1928):	60 kPa (passed) / 4 bar / 72 h ≅ 40 mW
Bitumen compatibility: (EN 1548 & EN 1928)	passed
Fire resistance: (EN 13501-1)	classe E
UV resistance:	12 months
Roll dimensions:	30 m long, 80-350 mm wide 20 m long, 400-700 mm wide

CE-marking

 1213	
Henkel AG & Co. KGaA, D-40191 Düsseldorf 21 01708 TEROSON FO 150 FOIL-TACK M+S	
EN 13967:2012 Flexible sheets for waterproofing Type A & Typ T	
Reaction to fire	Class E
Shear resistance of the seams:	> 125 N/50 mm
Resistance to impact:	≤ 150 mm (method A) ≤ 500 mm (method B)
Durability	
- against aging	passed
- against chemicals	
Hazardous substances	NPD

Apart from the information given in this Technical Data Sheet it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable national standards. All data given was obtained at an ambient and material temperature of +23°C and 50% relative humidity unless specified otherwise. Please note that in other climatic conditions hardening may be accelerated or delayed and take the resulting consequences into account.

The above information, in particular proposals for the handling, application and use of our products, is based on our knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our influence, we strongly recommend that in each case the user conducts sufficient tests to ensure our products are suitable for the intended application method and use. Legal liability cannot be accepted, either based on the content of this data sheet or any verbal advice given, unless there is evidence of carelessness or gross negligence on the manufacturer's part. This Technical Data Sheet supersedes all previous issues.

Please refer to our Safety Data Sheet for hazard warnings, safety advice and information on transport labelling.