



TEROSON SE 2000 MF

September 23

Soft-elastic, multi-purpose adhesive and sealant for use in metal, facade and window construction (MS polymer®)

PROPERTIES

- Bonds to a wide range of materials – even without primer
- Excellent UV and weather resistance
- Adheres to most types of rubber – also to EPDM (preliminary tests required)
- Can be used down to -5 °C
- Low stringing; compatible with paints
- EMICODE EC 1 Plus certified
- Available on request: Product and manufacturer's declarations according to DGNB, LEED and BREEAM

POSSIBLE USES

- Joint sealant for facade and window elements – indoor and outdoor use (also for sprayable applications)
- For sealing structural and connection joints as well as facade and window connection joints inside and outside buildings
- For sealing seams and joints in metal and apparatus construction, sheet metal processing and plastic engineering
- For sealing air-conditioning and ventilation systems
- Soft-elastic bonding of sandwich elements for absorbing thermal movement
- Component of TEROSON sealing strip systems

SUBSTRATE PREPARATION

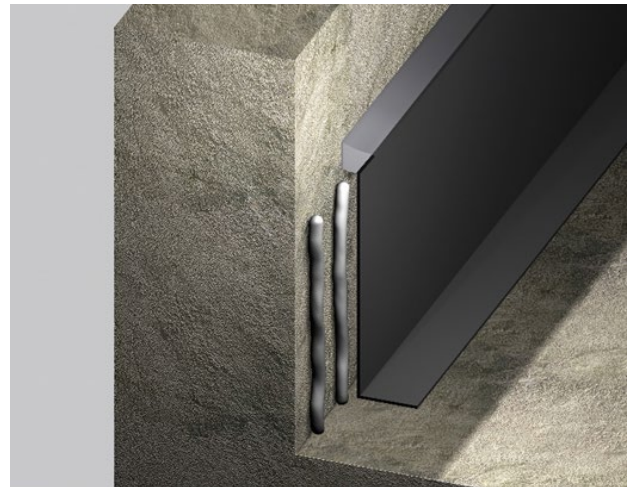
The surfaces to be bonded/joint edges must be clean, dry and free of grease. TEROSON SE 2000 MF adheres without primer on substrates such as sheet metal (raw, degreased, phosphated, hot-dip galvanized, topcoated), stainless steel, brass, aluminium (raw, anodized and lacquered), PC, ABS, EPDM (preliminary tests required), PA and rigid PVC.

APPLICATION

TEROSON SE 2000 MF is a gunnable, moisture-curing, 1-component adhesive and sealant. Curing and skin formation can be accelerated by increasing temperature and air humidity.

We recommend masking the joint edges of wider connection and movement joints with a self-adhesive tape. To avoid 3-sided adhesion of the sealant and determine the cross-section of the joint, it is necessary to use a closed-cell PE round cord (so-called backer rod) as backfill material. Make sure to fill the joints without voids or air pockets.

Directly after application, smooth the sealant with a smoothing tool that has been moistened with low-surface-tension water. Immediately smooth over any raised sealant edges. After smoothing, remove the adhesive tapes without delay.



The joints should be designed and sealed according to the instructions of IVD Sheet no. 9. For spray applications we recommend the use of TEROSON® ET AIR GUN MULTIPRESS, air pressure gun.

PLEASE NOTE

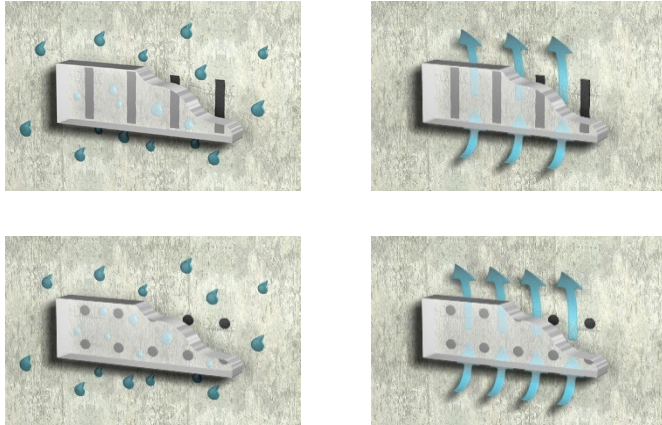
For connection joints, we recommend a minimum joint size of 6 x 6 mm. We also recommend following the relevant standards and technical guidelines, depending on the respective application. Do not use TEROSON SE 2000 MF below -5 °C and above +40 °C (air/substrate temperature).

TEROSON SE 2000 MF is compatible with many common paints and lacquers, especially with water-based acrylic paint. In the case of alkyd resin-based products, drying may be delayed. Please note that most paints and lacquers can accommodate less movement than the sealant. This may cause the formation of cracks in the paint/lacquer coat if the joints are subject to moderate or high stresses. We therefore recommend carrying out your own tests.

USE OF TEROSON SE 2000 MF AS ADHESIVE

When using the product for outdoor applications, special care must be taken that the bond is not exposed to moisture for a long period of time (direct weather exposure, condensate). The design of the bond should be adapted to the special outdoor requirements.

If the adhesive/sealant is applied in spots or strands (see figures), no moisture can accumulate and the curing process is accelerated by the so-called "stack effect".



Site- or application-specific conditions may vary from those described here, and thus the correct and successful use of our products is beyond our control. If you have any questions, please consult one of our TEROSON facade experts.

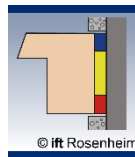
CLEANING

Immediately remove excess sealant or stains with a cloth. After curing, the sealant can only be removed mechanically.

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



TECHNICAL DATA

TEROSON SE 2000 MF

Material base:	Silane-modified polymer
Consistency:	Pasty, thixotropic
Colours:	Grey, white, black
Odour:	Odourless
Packaging:	310 ml in an ALU cartridge 600 ml in a tubular bag
Skin formation time: (ISO 2091 / at 23 °C and 50 % RH)	Approx. 20 min
Curing rate: (at 23 °C and 50 % RH)	2-3 mm/24 h
Movement capability:	Approx. 25 %
Elongation at break: (acc. to ISO 8339-A)	Approx. 250 %
Modulus at 100% elongation: (acc. to ISO 8339-A)	Approx. 0.6 MPa
Volume change: (acc. to DIN 52451)	< 2.0 %
Joint widths:	5 to 30 mm
Paint compatibility: (acc. to DIN EN 52452-4)	provided*
Paint adhesion:	provided
Application temperature:	-5 °C to +40 °C
Temperature resistance: (Short-term exposure up to 1h):	-50 °C to +80 °C +120 °C
Fire resistance: (acc. to DIN EN 13501-1)	Class E
Gap-bridging:	yes
Sandable:	no
DIN EN 15651-1 / Facade:	Product Type F-EXT-INT <i>*with sealant-compatible paints</i>

STORAGE

Store TEROSON SE 2000 MF in a cool and dry place, preferably between +10 °C and +25 °C.

Shelf life: 24 months

DISPOSAL

Only return the completely emptied packaging to a waste recycling centre. Dispose of hardened product residues as household-type industrial waste or construction site waste. Non-hardened product residues must be taken to a collection point for hazardous waste.

European Waste Code (EWC): 080410

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.