TEROSON

Technical Data Sheet

TEROSON SE 20

August 21

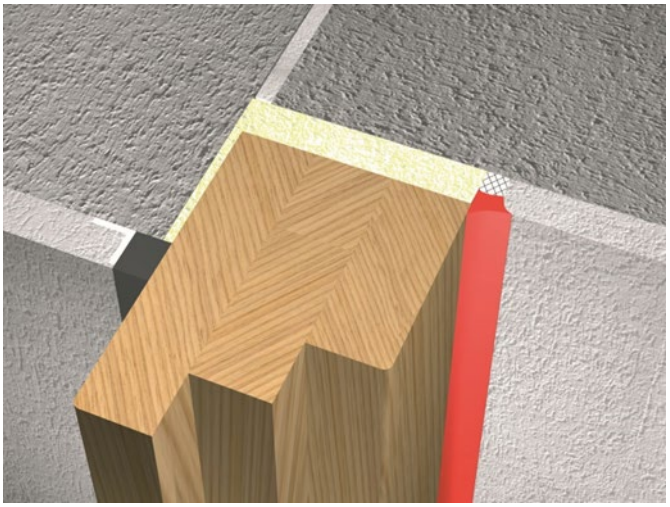
Acrylic sealant for connection joints subject to low stresses – indoor use

PROPERTIES

- Elastoplastic: 10 % movement accommodation
- Easy gun application, low-odour formulation
- Compatible with all kinds of paints
- Self-adhesive on most common building materials
- Ageing-resistant

POSSIBLE USES

- As a sealant for facade elements – interior and exterior use (Product type F-EXT-INT in accordance with DIN EN 15651-1)
- For sealing connection joints subject to slight movement in facade and prefab construction and in the construction of heating, ventilation and air-conditioning systems



SUBSTRATE PREPARATION

The surfaces to be bonded/joint edges must be clean, dry and free of grease. TEROSON SE 20 adheres without primer on substrates such as plasterboard, concrete, gas concrete, aerated concrete, varnished wood (closed-pore or open-pore), brickwork and rigid PVC. Old sealants and other residues must be completely removed. The bonding surfaces must not be covered with a water film.

APPLICATION

TEROSON SE 20 is a gunnable, physically drying 1-component sealant that is applied by means of a hand or compressed air gun. Uneven areas can be smoothed with a trowel, paint brush or jointing iron after slightly moistening the tool or sealant surface with water.

We recommend masking the joint edges with a self-adhesive tape before applying the sealant. 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. Remove the adhesive tapes directly after smoothing. Immediately smooth over any raised sealant edges. TEROSON SE 20 should not be applied below +5 °C and not above +40 °C (air/substrate). The curing rate depends on temperature and humidity: the higher the humidity, the longer the curing time.

The joints should be designed and sealed according to the instructions of IVD Sheets no. 3 and 9.

PLEASE NOTE

For connection joints, we recommend a minimum joint size of 5 x 5 mm. For movement joints, use TEROSON SE 139 if necessary. TEROSON SE 20 is not suitable for sealing expansion joints in building construction, underwater joints and joints constantly exposed to water (e.g. joints in sanitary facilities, floor joints in outdoor areas). Being an elastoplastic sealant, the full surface of TEROSON SE 20 can only be painted over if the requirements of DIN 52452-4, § 7 are met.

In order to ensure the desired visual condition and functional use of the sealant, we recommend carrying out your own tests on site.

CLEANING

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

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TECHNICAL DATA

TEROSON SE 20

Material base:	Acrylic dispersion
Consistency:	Paste-like
Colour:	White
Odour:	Odourless after curing
Packaging:	300 ml in a PE cartridge
Skin formation time: (ISO 2091 / at 23 °C and 50 % RH)	Approx. 20 min
Curing rate: (at 23 °C and 50 % RH)	0.2 mm/24 h
Movement capability:	10 %
Elongation at break: (acc. to ISO 8339-A)	100 to 150 %
Modulus at 100% elongation: (acc. to DIN EN 8339-A)	0.2 MPa
Volume change: (acc. to DIN 52451)	24 %
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:	-20 °C to +80 °C
Fire resistance: (acc. to DIN EN 13501-1)	Class E
Gap-bridging:	yes
Sandable:	yes
DIN EN 15651-1 / Facade:	Product Type F-EXT-INT

**with sealant-compatible paints*

STORAGE

TEROSON SE 20 is susceptible to frost. Do not store the product below +2 °C. Best storage temperature: between +5 °C and +25 °C.

Shelf life: 18 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

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