TEROSON

Technical Data Sheet

TEROSON AD SP

November 21

Water-based special polymer for bonding plasterable sealing strips in the areas of facade & window installation

PROPERTIES

- Good adhesion and compatibility with paints
- Easy application with TEROSON tubular bag gun
- Strip position easily adjustable in the fresh adhesive
- EMICODE EC 1 Plus certified
- Available on request: Product and manufacturer's declarations according to DGNB, LEED and BREEAM

POSSIBLE USES

For bonding sealing strips to the building shell, e.g. TEROSON FO 1 SK and FO 50 SK.

SUBSTRATE PREPARATION

Clean the substrate before applying the adhesive. The surfaces to be bonded must be load-bearing, sound and free of dust, oil, grease, release agents, sintered layers or other substances likely to impair adhesion. Deep hollows or cavities, e.g. rock pockets or shrinkholes in the concrete, must first be filled.

Minor unevenness, such as occurs in the renovation of old buildings, unevenness caused by the stone surface, even uneven areas typical of exposed aggregate concrete (not too coarse-grained) can be easily levelled by simply applying a higher amount of adhesive. For mineral, weakly bound but stable substrates, application of a priming coat is recommended. TEROSON PR Primer M+S is particularly suitable for this purpose (meets the requirements of DGNB, LEED and BREAM).

APPLICATION

TEROSON AD SP is a gun-applied, environmentally friendly, water-based special polymer that cures by releasing the water contained in its formulation (physical drying process). Dry weather conditions are therefore essential during its application and several hours after to ensure that part of the water can escape and the surface can set.

If during renovation work it is necessary to seal very uneven surfaces, e.g. brickwork or old exposed aggregate concrete, the curing time must be sufficiently long to ensure that the layer of higher thickness can thoroughly dry. If a longer drying period cannot be ensured or if the weather conditions are unfavorable, use TEROSON AD KDS instead of TEROSON AD SP.

Apply the adhesive paste in strands to the building shell using either a manual or a compressed air gun (air pressure 2 to 5 bars). Afterwards, press the sealing strip into the still fresh but skin-free adhesive paste. Finally, roll it down with a TEROSON hard rubber roller or another suitable tool.

PLEASE NOTE

The sealing strip position can be adjusted for several minutes after embedding the strip into TEROSON AD SP. The curing process starts immediately after application of the adhesive strand. The open time is 10 minutes max.

TEROSON AD SP is compatible with many commonly used paints, especially with water-based acrylic paints.

Since the structural conditions may vary from site to site, the correct and successful use of our products is beyond our control. In case of questions, please consult one of our TEROSON facade experts.

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CLEANING

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

SUSTAINABLE BUILDING

On request, product and manufacturer's declarations for sustainable building can be made available for this product. 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

TECHNICAL DATA

TEROSON AD SP

Material base:	Special polymer
Consistency:	Paste-like
Colour:	White
Odour:	Odourless
Packaging:	600 ml in a tubular bag
Density: (DIN 53 217, part 2)	1.5 g/cm³
Skin formation time: (acc. to ISO 2091 at 23 °C & 50 % RH)	Approx. 15 min
Curing rate: (at 23 °C & 50 % RH)	0.3 mm/24 h
Shore A hardness: (acc. to ISO 868)	30
Elongation at break: (acc. ISO 8339-A)	100-150 %
Modulus at 100% elongation: (acc. to ISO 8339-A)	0. MPa
Paint adhesion:	provided
Application temperature:	-5 °C to +40 °C
Temperature resistance:	-40 °C to +100 °C
Fire resistance: (acc. to DIN EN 13501-1)	Class E
Gap-bridging:	yes
Sandable:	yes

STORAGE

Store TEROSON AD SP in a cool and dry place, preferably between +5 °C and +25 °C.

Shelf life: 18 months

DISPOSAL

Only return the completely emptied packaging to a waste recycling center. 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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