



Technical Data Sheet



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Outdoor Fill & Repair Cartridge



CHARACTERISTICS

- High elasticity
- Bonds to damp and wet surfaces
- Excellent UV and weather resistance
- None staining - Suitable for natural stone
- Will not damage sensitive surfaces such as mirrors
- Tack free
- Good adhesion to most common substrates
- Low odourless
- Solvent-free

APPLICATION FIELDS

A one-component, ready to use sealant. Ideal for filling gaps and cracks around window and door frames, façade elements, guttering and terraces. Will bond to most common building materials including uPVC, wood, brick, concrete, cellular concrete, metals, gloss paint, etc.

STANDARDS

- Conforms to EN 15651-1 (CE marking)
 - EN 15301-1
 - Conforms to ISO 16938-1 and -2
 - Conforms to IVD-Instruction Sheet No. 9
 - GEV EMICODE®:
- Product type F- INT: sealant for facade for interior
Reaction to fire: Class E
Suitable for natural stone, no staining
Perimeter joints of windows and exterior doors
EC 1^{plus} (very low emissions)



TECHNICAL DATA:

<u>Uncured product</u>	White	Trans
Base:	Flextec®-Polymer (moisture curing silane modified polymer (SMP))	
Odour:	Alcohol	
Application temperature:	+5°C to +40°C (substrate and ambient)	
Consistency:	Non-slump paste	
Density: (ISO 2811-1)	~ 1.4 g/ml	~ 1.1 g/ml
Resistance to flow: (ISO 7390)	~ 0 mm	
Skin formation time: (23°C, 50% r.h.)	~ 25 minutes	20 minutes
Curing speed: (23°C, 50% r.h., bead 20x10mm)	~ 2 mm / 24 hours	
Initial tack:	~ 8-10 g/cm ²	~ 10 g/cm ²

<u>Cured product</u>	White	Trans
Odour:	Odorless	
Shore A hardness: (ISO 868)	~ 30	
100% Modulus : (ISO 8339-A)	~ 0,60 N/mm ²	~ 0,70 N/mm ²
Tensile strength: (ISO 8339-A)	~ 0,9 N/mm ²	~ 0,8 N/mm ²
Elongation at break: (ISO 8339-A)	~ 300 %	~ 200 %
Elongation at break: (ISO 8339-B)	~ 400 %	
Elastic recovery: (ISO 7389-B)	~ 80 %	~ 85 %
Shrinkage: (ISO 10563)	~ -3 %	
Movement capability (ISO 11600-F)	20 - 25 %	20 %
Recommended joint width	10-35 mm	
Service temperature:	-40°C to 80°C	



INSTRUCTIONS FOR USE

Surface preparation

All surfaces must be clean and free from contaminants likely to impair adhesion.

Sealant application

The sealant should be applied ensuring that the joint is completely filled. Smooth off the sealant with a smoothing tool to ensure good contact between the sealant and the bonding surfaces. Clean up excess sealant with white spirit immediately

Cleaning tools

Fresh sealant can be cleaned with a cloth dampened with white spirit.

Cured sealant can only be removed by mechanical means (e. g. knife or razor blade)

LIMITATIONS.

Only for use as an exterior joint sealant. Do not use on bituminous substrates or on building materials which might bleed oils, plasticisers or solvents which could attack the sealant.

Not recommended for repairing cracks in flat walls.

Not suitable for areas of constant immersion or permanent damp

This product is not paintable or sandable

If in doubt, contact our technical helpline for further assistance

Notes on application/limitations

Elastic sealants may only be painted over if the coating is able to follow the movements of the sealant (in general if joint movements are <5%, depending on the coating) – otherwise cracks in the surface of the coating can occur. In case of high movement joints coatings may cover the joint sides to max. 1 mm.

Due to the large number of coatings it is recommended to test the compatibility of a coating product before use, especially in case of alkyd resin paints. When painted over alkyd resin paints may dry slowly and show surface tackiness and/or discoloration.

In case of powder coated substrates (e.g. powder coated aluminium window frames) an adhesion test is recommended before use.



GENERAL INFORMATION

Storage

Store in cool dry conditions, protected from frost. Shelf life is 12 months in the original packaging

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

“The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. f.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.”

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