Technical Data Sheet

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Sanitary Sealant

Mould resistant sanitary silicone sealant

CHARACTERISTICS

Sanitary Sealant is a one component, ready-to-use, silicone sealant (acetoxy type) which contains a fungicide for general sanitary sealing applications.

- Easy to extrude.
- Smooth and glossy appearance.
- Durable.
- Waterproof.
- Primeless adhesion to glass, ceramics, vitreous, painted surfaces and anodized aluminium.
- Resistance to fungal growth.
- Good resistance to conventional cleaning products and many chemicals.

APPLICATIONS

Sanitary Sealant can be used for:

- sealing baths, sinks, showers, kitchen furniture/ worktops, toilets, urinals.
- sealing ceramic or porcelain tiles, plumbing fixtures or cold rooms

STANDARDS

BS EN 15651-3	product type S: sealant for sanitary applications
BS EN 15301-1	reaction to fire: class E
ISO 846-B	microbiological growth : level 0
ISO 1600	Class F-12,5E

TECHNICAL DATA

Before curing	
Type of silicone	Acetoxy
Appearance	Paste
Density (ISO 2811-1)	~ 0,99 g/ml
Resistance to flow (ISO 7390)	~ 0 mm

Curing	
Skin formation time (+23 °C / 50% RH)	~ 20 min.
Curing speed (+23°C, 50% RH, cross-section of joint 20x10mm)	~ 2 mm / day
Application temperature	+ 5°C to + 40°C

After curing	
Shore A hardness (ISO 868)	~ 20
Movement capability (ISO 11600)	12,5%
Max. joint width	30 mm
Change of volume (ISO 10563)	~ 20%
Temperature Resistance	- 30°C to + 120°C

Mechanical properties	
Elastic recovery (ISO 7389-A)	~ 95%
Modulus at 100% elongation (ISO 8339-A)	~ 0,4 N/mm²
Elongation at break (ISO 8339-A)	~ 100%

INSTRUCTIONS FOR USE

Sanitary Sealant is supplied as a ready-to-use silicone and can be applied from the original packaging with no special pre-treatment.

Surface Preparation
All surfaces must be clean and dry, free from dust and grease or, anything which may be detrimental to correct adhesion of the sealant.
Residues of old sealant or other materials as well as mould on the substrate must be removed completely (if necessary, use a silicone remover).
To get best sealing results it is recommended to mask off edges of the joint with masking tape before applying the sealant.

Joint dimensions
The movement capability of the sealant as well as local regulations must be considered.

In general, the joint width must be > 10mm and < 35mm and the joint width should be twice the depth.
In the case of deep joints, fill with PE foam '*Backer Rod*' prior to applying the sealant.
In general, the joint width must be > 10mm and < 35mm and the joint width should be twice the depth.
In case of rectangular sanitary joints, it is necessary to maintain a minimal depth of 5mm.
In case of triangular joints, both contact areas should be minimum 5mm wide.

Sealant application
The sealant should be applied ensuring that the seal is filled. Smoothing off the seal ensures good contact between the sealant and the bonding surfaces.
Directly after application, smooth off with an Unibond sealant smoother tool.
Remove any tape immediately, before surface skin has formed on the sealant.
Smooth over any proud sealant edges immediately.

Cleaning tools/ Excess sealant
Fresh sealant may be cleaned with a cloth soaked in white spirit or alcohol (e.g., methylated spirit)
Cured sealant can be removed by scraping (e. g. using a razor blade) or by using a special silicone remover product.

Drying time
The sealant will be touch dry in 20 mins and fully dry in approx. 24 hours*
**Curing speed is dependent on temperature, air humidity and on the dimensions of the joint. Low temperatures, high air humidity or big joint dimensions require longer curing times.*

Please note
The joint must be cleaned and maintained regularly.
Ensure good ventilation in the room where the sealant is applied.

LIMITATIONS

Must not be used on sensitive surfaces which could react with the acetic acid which is released during cure.

Not recommended for structural glazing applications.

Not recommended for joints that are in direct food contact.

Not recommended for swimming pool joints, for aquarium joints or, for applications under water.

Cannot be over-painted.

Before using on painted substrates, paint must be completely dry and cured. Prior compatibility tests are recommended, considering the variety of paints that exist.

Not recommended on materials which can exude certain components over time (butyl sealant, EPDM rubbers, polychloroprenes, etc.). Discolouration or reduction of adhesion properties could take place.

Do not apply to natural stone. For applications on natural stone use a special natural stone silicone.

Not recommended for applications on PTFE (Teflon®), polypropylene or polyethylene.

For any applications on sensitive surfaces carry out preliminary testing to check compatibility with the sealant.

GENERAL INFORMATION

Storage
Store in a cool, dry place between +5 °C and +25 °C. Shelf life is 18 months in an unopened cartridge after date of manufacture (the expiry date is shown on the packaging).

Packaging
Cartridges – 274g

Colours
Translucent
White

HEALTH AND SAFETY
Before using the product, please see related Material Safety Data Sheet that is available to download from mymsds.henkel.com.

“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.

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