

Technical Data Sheet



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Bath & Kitchen Sealant Translucent



CHARACTERISTICS

- Easy to apply and tool
- Waterproof
- Mould resistant
- Adheres to most common sanitary fixings such as glass, tiles, ceramics, aluminium, stainless steel, uPVC
- No residual tack
- Low modulus
- Suitable for sensitive surfaces such as mirrors
- Resistant to conventional cleaning products



APPLICATION FIELD

A one component, ready-to-use, neutral curing silicone sealant for sealing joints in warm, humid environments where there is a likelihood of mould growing.

Suitable for use in:

- Sanitary joints: baths, toilets, wash basins, showers, kitchens, work tops
- Tiling joints

STANDARDS

EN 15651-3 (CE-marking)	product type S: sealant for sanitary applications
EN 13501-1	reaction to fire: class E
ISO 846-B	microbiological growth: level 0
ISO 11600	class F-25LM and G-25LM
DIN 18540 (Germany)	pass internal tests



TECHNICAL DATA

Before curing	Tube	Cartridge/Easy Pulse
Type of silicone	Neutral	Alcoxy
Appearance	Translucent Paste	Translucent Paste
Density (ISO 2811-1)	~ 1,02 g/ml	~ 1,04 g/ml
Resistance to flow (ISO 7390)	~ 0 mm	~ 0 mm

Curing		
Skin formation time (+23 °C / 50% RH)	~ 15-20 min.	~ 30 min.
Curing speed (+23°C, 50% RH, cross-section of joint 20x10mm)	~ 3 mm / day	~ 2.5 mm / day
Application temperature	+ 5 to + 40°C	+ 5 to + 40°C

After curing		
Shore A hardness (ISO 868)	~ 15	~ 20
Movement capability (ISO 11600)	25%	25%
Max. joint width	30 mm	30 mm
Change of volume (ISO 10563)	< 10%	~ 6%
Temperature Resistance	- 50 to + 150°C	- 50 to + 120°C

Mechanical properties		
Elastic recovery (on anodized aluminium - ISO 7389-A)	~ 85%	~ 90%
Modulus at 100% elongation (on anodized aluminium - ISO 8339-A)	~ 0,3 N/mm ²	~ 0,3 N/mm ²
Elongation at break (on anodized aluminium - ISO 8339-A)	~ 250%	~ 250%
Elongation at break (dumbbell – ISO 37)	~ 930%	

INSTRUCTIONS FOR USE

Surface preparation

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

To get the best sealing results, it is recommended to mask edges of the joints with a tape before application of the sealant mass.

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. Immediately remove masking tape (if using) and excess sealant with white spirit

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)

Please note

To maintain a mould free sealant bead, it is necessary to have a regular cleaning regime in place



LIMITATIONS.

Only for use as a sanitary sealant in areas where a hygienic seal is required

Not recommended for joints that are in direct food contact.

For interior use only. Not suitable for areas of constant immersion or permanent damp (e.g. Aquariums or swimming pools).

Sealant cannot be over painted

Not suitable for use on natural stone (e.g. marble, granite)

If in doubt, contact our technical helpline for further assistance

GENERAL INFORMATION

Storage

Store in cool dry conditions, protected from frost. Shelf life is 18 months for tube. 12 months for Cartridge/Easy Pulse Pack, if stored in the original packaging

PACKAGING

50ml Tube

100ml Easy Pulse Pressure Pack

280ml Cartridge

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.

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