



Technical Data Sheet



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Ref: NRPTX11000TDS
Issued: 15.04.20
Number of pages: 5



Pattex Easy Silicone

CHARACTERISTICS

Pattex Easy Silicone is a water-based, one component ready-to-use silicone sealant particularly intended for use in bathrooms and kitchens. It cures at room temperature to form a flexible, long-lasting, mould resistant seal.

- Mould resistant
- Odourless during application
- Easy to use
- Water clean up
- Excellent primerless adhesion to a wide variety of sanitary surfaces including ceramic tiles, enamel, glass, wood, anodised aluminium etc.
- Excellent adhesion to existing silicone seals and silicone residues

APPLICATION FIELD

Pattex Easy Silicone is recommended for:

- Sealing joints in bathrooms to ceramic baths, ceramic showers, sinks and toilets
- Sealing connection joints between sanitary equipment and tiling (floor, walls, ceiling)
- Repairing of damaged silicone joints – existing silicone seals can be covered with Pattex Easy Silicone

STANDARDS

- Conforms to ISO 846-B
 - Conforms to EN 15651-3 (CE marking)
 - EN 15301-1
- Microbiological growth: Level 0
Class XS1, product type S: sealant for joints in sanitary areas
Reaction to fire: Class E



INSTRUCTIONS FOR USE

Pattex Easy Silicone is supplied ready-to-use and can be applied from the original packaging with no special pre-treatment.

Surface preparation

All surfaces must be clean and dry, free from any dust and grease or anything which is likely to impair 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 edges of the joints with a tape before application of the sealant mass.

After joint and substrate preparation, if necessary, insert backing rod (closed cell, PE-foam backing rods) to required depth.

Sealant application

Apply sealant ensuring that the seal is completely filled. Smoothing off the seal ensures good contact between the sealant and the bonding surfaces. Smoothing off the seal ensures good contact between the sealant and the bonding surfaces.

Directly after application, spray the joint with a mild detergent solution (soapy water) and smooth off with an appropriate tool.

Remove any tape immediately before surface skin is formed.

Smooth over any proud sealant edges immediately.

Cleaning tools

Areas soiled with fresh sealant may be cleaned with water.

Any cured sealant can be removed by scraping (e. g. using a razor blade).

Please note

The joint must be cleaned and maintained regularly.

Take care of a good and regular air circulation in the room where the sealant is applied.

Curing speed is depending on temperature, air humidity and on the dimensions of the joint. Low temperatures, low air humidity or large joint dimensions need longer to cure.



TECHNICAL DATA

Before curing	
Base	Silicone emulsion
Odour	Neutral
Density (ISO 2811-1)	~ 1.35 g/ml
Resistance to flow (ISO 7390)	~ 0 mm

Curing	
Skin formation time (+23 °C / 50% RH)	~ 30 min.
Curing speed (+23°C, 50% RH, cross-section of joint 20x10mm)	~ 1.5 mm / day
Application temperature	+ 5°C to + 40°C (substrate and ambient)

After curing	
Shore A hardness (ISO 868)	~ 20
Movement capability (ISO 11600)	25%
Temperature Resistance	- 50 to + 120°C
Elastic recovery (ISO 7389-A)	~ 80%
Modulus at 100% elongation (ISO 8339-A)	~ 0,25 N/mm ²
Tensile strength	~ 0,35 N/mm ²
Elongation at break (ISO 8339-A)	~ 400%

Limitations

Pattex Easy Silicone is not suitable for use with plastic baths or shower trays.

Pattex Easy Silicone cannot be painted.

Pattex Easy Silicone is not suitable for use with natural stone.

Do not use Pattex Easy Silicone as a glazing sealant, on bituminous substrates or on building materials which might bleed oils, plasticizers or solvents which could attack the sealant.

Not suitable for joints with water pressure or permanent water immersion, e.g. in swimming pools or aquariums or permanently damp areas.

Pattex Easy Silicone must not be used for applications in contact with foodstuffs.

Pattex Easy Silicone is not suitable for exterior use.

No adhesion to PE, PP, PTFE(Teflon®), PMMA (e.g. acrylic bath tubs). In cases of unknown materials or critical applications adhesions tests are recommended.



GENERAL INFORMATION

Storage

18 months from date of production if stored in unopened original cartridges, in dry conditions and protected from direct sunlight at temperatures between +2°C and 30°C.

Chemical resistance

Resistant to water, seawater, diluted alkalis, diluted acids, cement grout and water diluted detergents. The product is not recommended for applications with permanent contact with chemicals.

Poor resistance to aromatic solvents, organic acids, concentrated alkalis and concentrated acids, chlorinated hydro-carbons.

In cases of other chemicals contact Technical Services.

Packaging

300ml PE cartridges

200ml Easy Pulse pressurised dispenser

Colours

White

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.

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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