

Technical Data Sheet



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Pattex Re-New White

EAN code: 4015000435536

Silicone coating to refresh & repair existing old silicone seals

CHARACTERISTICS

Pattex Re-New is a water-based, one component ready-to-use silicone coating with excellent mould resistance for sanitary applications.

The product is applied as coating on silicone sealants in triangular joints to improve the appearance (covering of staining/mould, filling of small cracks etc.).

Pattex Re-New cures at room temperature to form an elastic, long-lasting silicone coat.

Pattex Re-New is protected by a triple protection system to assure a long-term mould resistance. The surface of cured product is protected against:

- 1: spore accumulation
- 2: mould growth
- 3: spore formation

- Excellent adhesion on existing old silicone sealants
- Suitable to cover colored silicones (coating thickness $\geq 1\text{mm}$)
- Suitable for vertical and horizontal triangular joints
- No need to remove existing sealant before use
- Odorless
- Easy to use
- Easy correction: Fresh product can be removed with water

APPLICATION FIELD

Pattex Re-New is recommended for:

- refreshing of triangular joints in bathrooms, showers, toilets, laundry rooms, kitchens
- refreshing of triangular connection joints between sanitary equipment (washing basins, sinks) and tiling (floor, walls, ceiling)
- repairing of damaged silicone sealants (triangular joints) – existing silicone seals can be covered

STANDARDS

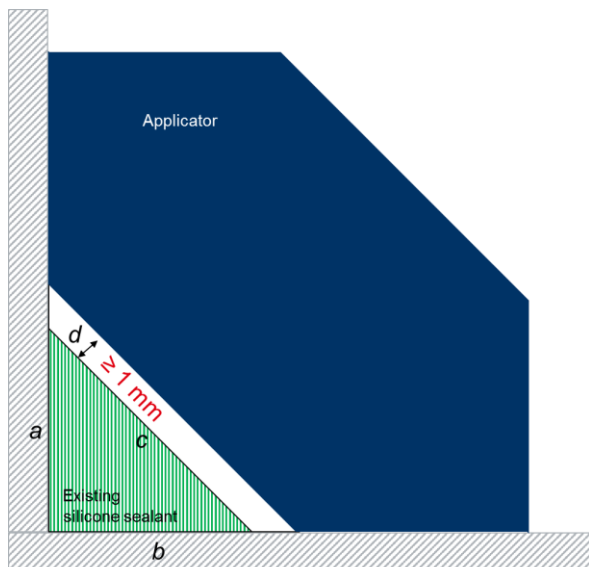
- Conforms to ISO 846-B
 - EN 15301-1
 - VOC emissions labelling (France)
- Microbiological growth: Level 0-1
Reaction to fire: Class E
Class A+

INSTRUCTIONS FOR USE

Application

Joint dimensions:

Check if the dimensions of the applicator are suitable for the joint before use: Position the applicator at an angle (approx. 90°) to the joint – the gap between the surface of the existing sealant and the applicator should be 1 mm minimum (⇒ resulting coating thickness = 1 mm; dependency between joint dimension and coating thickness see table below).



| Joint dimension [mm] | | | Resulting thickness [mm] |
|----------------------|-----------|-----------|--------------------------|
| a (height) | b (depth) | c (width) | d |
| 3,0 | 4,0 | 5,0 | 2,8 |
| 3,5 | 3,5 | 4,9 | 2,0 |
| 4,0 | 4,0 | 5,7 | 1,7 |
| 4,5 | 4,5 | 6,4 | 1,3 |
| 5,0 | 5,0 | 7,1 | 1,0 |
| 5,5 | 5,5 | 7,8 | 0,6 |
| 6,0 | 6,0 | 8,5 | 0,2 |
| 6,4 | 6,4 | 9,0 | 0,0 |

Preparation:

The seal to repair/refresh must be clean, free from oils, grease, dust and loose particles and should be dry. Surfaces can be degreased with an appropriate cleaner. Where necessary, remove old sealant, moulded areas and other residues.

Moulded sealants should first be cleaned with a sponge and with mould remover. Then thoroughly rinse with water, dry the surface and apply Pattex Re-New.

Application:

Remove the cap and position the applicator at an angle (approx. 90°) to the joint, so that the edges of the applicator have full contact with both faces of the joint. Squeeze out the product while moving the applicator along the joint making sure that the product is in full contact with the sealant to be coated.

In case of vertical joints it is advisable to apply Pattex Re-New bottom-up.

If necessary pass again the applicator over the entire joint without pressing.

Clean applicator (e.g. with wet paper) directly after use and close the cap.

Drying time:

The product should preferably be left to dry for several hours (at least 6 hours) before any contact with water. Avoid contact with cleaning agents in the first 24 hours after application.

Cleaning

Fresh, uncured product may be removed with a dry or moistened cloth, paper or sponge. Clean tools with water immediately after use. Cured product is insoluble in all solvents and can only be removed mechanically.

Notes on application/limitations

The uncured product is frost sensitive. Do not use, store or transport the product at temperatures below 0°C. The cured product is frost resistant.

If the product is applied with a coating thickness <1 mm the opacity of the product might not be sufficient. In case of colored silicones the coating thickness should be ≥ 1 mm.

Product progressively develops its mechanical and adhesion properties in the weeks following its application. The best results are achieved approximately one month after application.

Cannot be painted. In case of contact with coated surfaces (especially in case of alkyd resin paints) it is recommended to test the compatibility before use.

If necessary, use clean water to smooth the surface - soapy water can affect the curing and can lead to color changes.

Do not use Pattex Re-New to cover glazing sealants. Do not use on bituminous substrates or on building materials which might bleed oils, plasticizers or solvents which could attack the product.

Color deviations may occur e.g. due to exposure to chemicals or high temperatures. However, a change in color does usually not affect adversely the technical performance or the durability.

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

Product may not be used for mirrors or for natural stones.

Product must not be used for applications in contact with foodstuffs.



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TECHNICAL DATA:

Uncured product

| | | |
|--------------------------|---------------------------------------|-----------------------------|
| Base: | Silicone emulsion, water-based | |
| Odor: | Neutral | |
| Application temperature: | +5°C to +40°C (substrate and ambient) | |
| Consistency: | Non-slump paste | |
| Density: | ~ 1.30 g/ml | (ISO 2811-1) |
| Skin formation time: | ~ 60 minutes | (23°C, 50% r.h.) |
| Curing speed: | ~ 2 mm / 24 hours | (23°C, 50% r.h., film 2 mm) |

Cured product

| | | |
|----------------------|-------------------------|---------------------------|
| Appearance: | Mat surface | |
| Odor: | Odorless | |
| Shore A hardness: | ~ 20 | (ISO868) |
| 100% Modulus : | ~ 0.3 N/mm ² | (ISO 8339-A, glass) |
| Tensile strength: | ~ 0,4 N/mm ² | (ISO 8339-A, glass) |
| Elongation at break: | ~ 400 % | (ISO 8339-A, glass) |
| Elastic recovery: | ~ 85 % | (ISO 7389-A, 100%, glass) |
| Shrinkage: | ~ 28 % | (ISO 10563) |
| Movement capability: | 25 % | |
| Service temperature: | -50°C to 120°C | |

GENERAL INFORMATIONS

Surfaces

The seal to repair/refresh must be clean, free from oils, grease, dust and loose particles and should be dry. The product adheres on silicone sealants, ceramic tiles, enamel, glass, wood, anodised aluminium etc. No adhesion to PE, PP, PTFE(Teflon®), PMMA (e.g. acrylic bath tubs). Not suitable for acrylic sealants, SMP sealants and PU sealants. In cases of unknown materials or critical applications adhesions tests are recommended or contact our Technical Service.

Storage

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

Opened containers should be used up within 1 month.

Consumption

The consumption depends on the applied coating thickness.

Approximately 28 ml of the product are needed to coat 1 meter of a triangular joint with a 2 mm layer.

Approximately 13 ml of the product are needed to coat 1 meter of a triangular joint with a 1 mm layer.

On average the content of the product is sufficient to coat approx. 3,5 m – 7,5 m of a typical triangular joint.

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 our Technical Service.

Packaging

100 ml LDPE bottle with applicator and cap

Colors

White ST701

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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