



Technical Data Sheet



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UniBond Re-New

Silicone coating to refresh & repair existing old silicone seals

CHARACTERISTICS

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

The product is applied directly from a unique applicator bottle with smoothing tool, as a coating over existing silicone sealants to improve their appearance.

UniBond Re-New cures at room temperature to form an elastic, long-lasting coating.

UniBond Re-New provides a triple protection system to assure long-term mould resistance:

- Repels mould spores on the surface
 - Stops growth of mould on the surface
 - Prevents the production of mould spores
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- Excellent adhesion on existing old silicone sealants
 - Suitable to cover coloured silicones (coating thickness $\geq 1\text{mm}$)
 - Suitable for vertical and horizontal triangular joints
 - No need to remove existing sealant before use
 - Odourless
 - Easy clean-up: Fresh product can be removed with water

APPLICATION FIELD

UniBond Re-New is recommended for:

- Refreshing of triangular sealant joints in bathrooms, toilets, laundry rooms, kitchens
- Refreshing of triangular connection joints between sanitary equipment (wash basins, sinks) and tiling (floor, walls, ceiling)





STANDARDS

- Conforms to ISO 846-B
- EN 15301-1

Microbiological growth: Level 0-1
Reaction to fire: Class E

TECHNICAL DATA:

<u>Uncured product</u>	
Base:	Water-based silicone
Odour:	Slight
Application temperature:	+5°C to +40°C (substrate and ambient)
Consistency:	Viscous liquid
Density:	~ 1.35 g/ml (ISO 2811-1)
Skin formation time:	~ 30 minutes (23°C, 50% r.h.)
Curing speed:	~ 1.5 mm / 24 hours (23°C, 50% r.h., film 2 mm)
<u>Cured product</u>	
Appearance:	Matt white surface
Odour:	Odourless
Shore A hardness:	~ 20 (ISO868)
100% Modulus:	~ 0.25 N/mm ² (ISO 8339-A, glass)
Tensile strength:	~ 0,35 N/mm ² (ISO 8339-A, glass)
Elongation at break:	~ 400 % (ISO 8339-A, glass)
Elastic recovery:	~ 80 % (ISO 7389-A, 100%, glass)
Shrinkage:	~ 19 % (ISO 10563)
Movement capability:	25 %
Service temperature:	-50°C to 120°C

INSTRUCTIONS FOR USE

Preparation:

The seal to repair/refresh must be clean, dry, free from oils, grease, dust and loose particles. Where necessary, treat the existing sealant joint with a propriety mould remover in order to remove mould contamination. Allow to dry thoroughly.

Important: If existing sealant is damaged, poorly bonded or leaking then the sealant must be removed and replaced.

Application:

Remove the cap and position the applicator at an angle (approx. 45°) 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 UniBond Re-New starting from the base.

If necessary, repeat the smoothing process with the applicator.

Clean applicator after use and replace the cap.

Drying time:

Allow to dry at least 6 hours before allowing water contact. Allow to dry for at least 24 hours before contact with cleaning products.



GENERAL INFORMATION

Storage:

Store in cool, dry conditions, protected from frost.

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.

Coverage:

The coverage depends on the applied coating thickness.

Average coverage 5m for 1mm coating layer – enough for a standard bath and shower.

Packaging:

80ml PE bottle with applicator and cap.

Colours:

White

LIMITATIONS

A functioning, waterproof seal must be in place before Re-New is used. This product will not provide a seal on its own.

Cannot be painted.

Do not use on bituminous substrates or on building materials which might bleed oils, plasticisers or solvents which could attack the product.

Not suitable for areas of constant immersion or permanent damp.

Not suitable for use for use on mirrors or for natural stones.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available to download from mysds.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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