

PREMIUM CLADDING COLLECTION

Premierbond Silicone+ - White & Clear

HYGIENIC MULTIPURPOSE NEUTRAL SILICONE OFFERING HIGH ELASTICITY, DURABILITY & SUPERIOR MOULD RESISTANCE FOR LONG-LASTING SANITARY SEALING



Product Description

Premierbond Silicone+ is a multipurpose neutral sanitary silicone designed for superior performance. The product offers low modulus, high elasticity and exceptional movement capability. When exposed to atmospheric moisture, it reacts to form a flexible rubber, ensuring long lasting durability in various conditions. Additionally the sealant is fortified with a potent fungicide, providing excellent mould resistance.

APPLICATIONS

- All finishing, sanitation and ventilation sealing work
- Indoor and outdoor use filling, sealing and glazing
- Sealing connections of ceramic floors and walls
- Washbasins, toilets, bath and shower tabs and glass
- Weather-proofing seams for window and door frames

CHARACTERISTICS / ADVANTAGES

- Excellent bond to most substrates
- High elasticity
- Exceptional movement capability $\pm 25\%$
- Weather and ageing resistant
- Fungicidal, providing excellent mould resistance
- Highest sanitary class - XS1
- Excellent for glazing
- Low elastic modulus
- Household chemistry resistant
- Compatible for sealing surfaces in contact with food

ADHERING

- Concrete
- Glass
- Wood
- Masonry
- Ceramics
- Aluminum
- Bricks
- Most plastics
- PVC

PACKAGING, STORAGE & SHELF LIFE

300ml Cartridge, 24 per box. Guaranteed shelf life of 12 months from the date of manufacture when stored in original unopened packaging. Store in a dry place protected from direct sunlight at temperatures between +5°C and +30°C.

Technical Data

Base	Oxime
Tack free time	2-4 minutes
Curing rate	3mm/24hrs
Resistance to flow	0mm
Service temp.	-40°C → +140°C
Elastic recovery	>85%
E-modulus 100%	0.25 N/mm ²
Elongation at break	>250%

Density	1.01 g/ml
Skin forming time	5-10 minutes
Loss of volume	< 10%
Application temp.	+5°C → +40°C
Movement capability	$\pm 25\%$
Shore A hardness	18 (approx)
Tensile strength	0.35 N/mm ²

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APPLICATION INSTRUCTIONS

Application temperature between +5° and +40°C. Surfaces must be clean, dry and free of any contaminants liable to impair adhesion. Non-porous surfaces should be cleaned with solvent and a lint free cloth. Excess solvent should be removed before evaporation with a clean cloth.

Cut off the threaded end of the cartridge and screw on the application nozzle for directing sealant. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with sealant, by repeatedly pressing the gun trigger.

Apply sealant in the joint by repeatedly and evenly pressing on gun trigger and smoothly dragging the nozzle along the joint. After application, smooth the surface with a suitable tool (e.g., spatula) and remove excess material.

If necessary, the adjacent surfaces of the joint should be protected to avoid staining. Usually, masking tape is used for this. Protective masking tapes should be removed before the sealant's skin is formed.

In wider and movable joints, backer rod should be used as a back-up material, to ensure the correct thickness and shape of sealant joint and to avoid three-sided adhesion.

Ensure adequate ventilation in all joint locations. During the curing process, make sure that no impurities can settle on the surface and that the joint surface is not affected by mechanical load.

CLEANING

Uncured sealant can be cleaned with solvents like white spirit, acetone or cleaning wipes.

LIMITATIONS

Do not use on bituminous surfaces or on building materials which might bleed oils, plasticisers or solvents (e.g. natural rubber, chloroprene, EPDM)

There is no adhesion to low surface energy plastics such as polyethylene, polypropylene, PTFE, Teflon, etc

Due to the wide range of possible substrates, we recommend a preliminary compatibility and adherence test, if necessary, prime surfaces to improve adhesion.

Due to the wide range of influencers, customers should always test the product first.

TECHNICAL CLASSIFICATIONS & CERTIFICATES

Sealant for facade for interior and exterior application, suitable for use in cold climates

EN 15651-1:2012: Type F-INT-EXT-CC: CLASS 25LM

Sealant used for sealing glazing applications, suitable for use in cold climates

EN 15651-2:2012: Type G-CC: CLASS 25LM

Sealant used for sanitary joints

EN 15651-3:2012: Type S CLASS XS1

Classified as a material intended to come into contact with food

EN 1186, Regulation (EU) 10/2011

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OTHER INFORMATION

Ensure sufficient ventilation during application and wear necessary personal protective equipment.

Ensure employees using this product have read and understood the material safety datasheet.

The information in this datasheet is only valid for Premierbond Silicone+ in White and Clear colours.

PLEASE NOTE

This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. It is general in nature and does not constitute any liability. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.