

Sealprem Max-Bond

Product Description

Sealprem Max-Bond Polymer adhesive offers optimum initial bond strength well in excess of more traditional solvented adhesives and provides 21st century performance that bonds almost all material types, can be used both internally and externally, where its unique adhesive qualities allow a bond to be achieved whatever the weather, even in the rain and it will also cure underwater. It is a single part, solvent and Isocyanate free adhesive based on the latest polymer technology which is quick curing and retains a good level of flexibility after curing.



Typical Applications

The areas of application that this product can be used for are expanding all the time the following are a selection of some common uses:-

- **Internally** - Bonding wallboards, mirrors, decorative panels and mouldings, slate and brick slips, dado rails, Sanitary and kitchen installations and fixtures; it may be used to achieve bonds in humid conditions and on damp surfaces.
- **Externally** - Bonding ridge tiles, name plates, window trims and fascia trims.
- **Industrial** - Sealing and bonding of joints in vehicles, shipping containers, ducting, ventilation and air conditioning installations.

Application Instructions

Surfaces to which Sealant is to adhere must be clean and free from loose material and any contaminants which otherwise may impair the bond. Non-porous surfaces such as aluminum should be cleaned with a suitable product. It may be necessary to prime some porous surfaces depending on cohesiveness and porosity of the substrate. If required, sealant can be tooled within 10 minutes to required finish.

To apply Adhesive, cut the tip of the cartridge and screw on the nozzle and apply using a good quality applicator gun in lines spaced at 30mm centers to one surface only. Immediately offer up and position ensuring good pressure is applied whilst simultaneously exerting a twisting action. If fixing extremely heavy items, temporary support is recommended during the Adhesives curing process. Always apply mechanical supports when fixing in overhead applications.

The cured sealant can be painted if required but is not necessary. Water based paints can be applied without any problems, however, Alkyd, Solvent and Oil based paints should only be applied following a base coat of a water-based undercoat.

NB. Sealprem BR is not suitable for surfaces which can be affected by white spirit, eg. bitumen.

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. October 2014

Premier Sealant Systems Ltd.

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Registered Office: 19 Titan Court, Luton, LU4 8LL | Registered in Cardiff No. 3000843

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Cure System	Cures by vulcanization upon exposure to moisture in atmosphere
Specific Gravity	1.5 ± 0.05
Skinning Time	Approx. 15 minutes (at 23°C and 50% relative humidity)
Cure Rate	Approx. 2mm per 24 hours (at 23°C and 50% relative humidity) As the joint depth increases, the cure rate will slow down
Shore A Hardness	Approx. 75 - 80
Tensile Strength (100%)	1.2 MPa
Movement Accommodation	± 15%
Application Temp. Range	+5°C to +35°C
Service Temp. Range	-40°C to +90°C
Shelf Life	10 months when stored in unopened cartridges under cool, dry conditions
Life Expectancy	When used and applied correctly the sealant will perform in excess of 20 years
Coverage	1 standard size cartridge is sufficient to seal approximately 10m with a 6mm bead
Colours	Natural (Other colours available where minimum batch quantities can be met)
Storage	Store in dry conditions between 5°C and 25°C

Application Advice

To achieve the performance required from a cartridge sealant or adhesive, please ensure the following is achieved:

1. Surface is clean, dry and dust free
2. Avoid cross contamination with chemicals (if unsure please see contact with your technical advisor)
3. System manufacturers guidance is followed with regard to grade of material for warranty purposes
4. System manufacturers guidance is followed with regard to positioning of material

Failure to follow these guidelines may impact on the longevity and success of the seal.

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