



Product Description

Koby MS Seal & Bond Cristal is a sealant/adhesive based on MS-Polymer. It cures under the effect of atmospheric humidity to form a flexible and resistant rubber. With perfect adhesion on most construction materials, it was specially developed for the sealing and fixing on all applications that need a glass-clear transparency. The product has neutral curing and does not contain silicone, isocyanates and solvents.

Characteristics

- Universal crystal clear adhesive
- Very strong and permanently elastic
- Applicable in wet surfaces
- Adheres perfectly without primer on most surfaces
- Odourless and free of silicone, solvents or isocyanates
- Universal construction adhesive for interior use
- High mechanical resistance, end strength and E-modulus
- Paintable (water based systems)

Applications

For all bonding, sealing and filling applications where glass-clear transparency of final bond or seal is important. Suitable for all usual building substrates, glass, wood, aluminium, plastics, metals, stone, concrete, galvanised and stainless steel, etc. Paintable and elastomeric sealing and bonding.

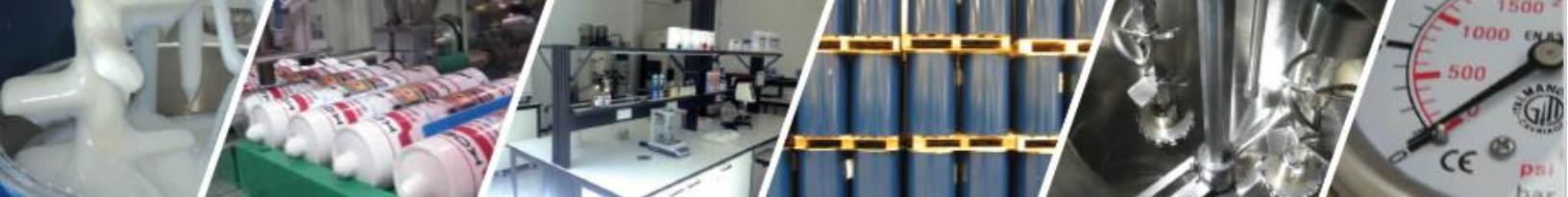
Application Method

1. The surfaces must be clean and free of dust or grease;
2. Apply the adhesive tape to protect the areas where you do not want to apply silicone;
3. Cut the tip of the cartridge and the provided applicator with appropriate diameter (\approx angle 45°) for the joint to seal. Thread the applicator on the cartridge and apply with manual or extrusion tool;
4. Apply silicone in the desired area and finish. With the support of a spatula, smooth the product for a better finish. The previous step must be quick;
5. Important: after application of silicone, remove the adhesive tape.

Technical Data

Base	MS Polymer	
Appearance	Thixotropic paste	
Net Content	290 ml	
Density (23°C)	ISO 1183-1	1.06 g/ml
Skin Formation	23°C/50% RH	10-15 min
Curing Rate	23°C/50% RH	2-3 mm/24h
Application Temperature	+5°C a +40°C	
Temperature Resistance	-30°C a +90°C	
Joint Movement	ISO 11600	25%
Flow	ISO 7390	<2 mm
Elongation at Break	ISO 37	300%
100% Modulus	ISO 37	1.15 N/mm ²
Tensile Strength	ISO 37	2.40 Mpa
Shore-A hardness	ISO 868	45
Shelf life	12 months	

* The presented values may vary according to environmental factors, such as temperature, humidity and different types of substrates.



Surface Preparations

Product Health and Safety Data Sheet must be read and understood before use. Apply the product under the appropriate conditions of temperature (environment and surfaces). The surfaces must be clean, free of dust or grease. There should be no loose particles or it may detach from the surface.

Cleaning

After Curing: Mechanically
Hands: Koby Hand-Washing Paste

Colour (s)

- Crystal

Shelf Life

Store the product in a cool and dry place, between +5°C and +25°C. The product has a shelf life of 12 months in original packaging unopened and stored under appropriate conditions.

Certifications



Health and Safety

Consult the safety data sheet before starting the application. Keep out of reach of children. For more information, the Safety data sheet (MSDS) will be available on request.

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