



Product Description

Koby MS Seal & Bond All in One is a professional sealant/adhesive based on MS-Polymer. It cures under the effect of atmospheric humidity to form a flexible and resistant rubber. Perfect adhesion on almost all construction materials even in wet conditions. The product does not contain silicone, solvents or isocyanates.

Characteristics

- Extremely strong and permanently elastic
- Universal construction sealant/adhesive for indoor and outdoor application
- Applicable in wet surfaces
- Good UV, and weather resistance
- Adheres perfectly without primer on most surfaces
- Odourless and free of silicone, solvents or isocyanates
- High mechanical resistance and tensile strength
- High Modulus
- Paintable (water based systems)

Applications

For all bonding, sealing and filling applications that require high end strength and flexibility. Suitable for all usual building substrates, glass, wood, aluminium, plastics, metals, stone, concrete, galvanised and stainless steel, copper, lead, zinc plasterboard, PU, PVC, etc. Paintable and elastomeric product sealing and bonding.

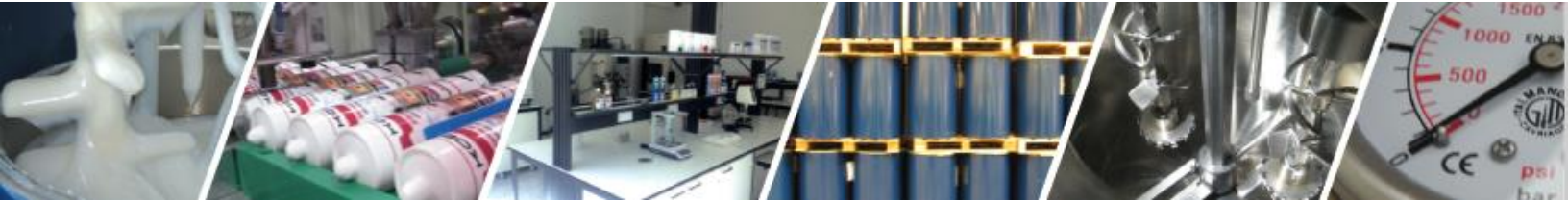
Application Method

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 | 1.60 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 | -40°C a +90°C | |
| Joint Movement | ISO 11600 | 25% |
| Flow | ISO 7390 | <2 mm |
| Elongation at Break | ISO 37 | 400% |
| 100% Modulus | ISO 37 | 1.35 N/mm ² |
| Tensile Strength | ISO 37 | 2.20 Mpa |
| Shore-A hardness | ISO 868 | 50 |
| Shelf life | 12 months | |

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



Surface Preparations

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)

- White
- Grey

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.

Legal note: This data sheet replaces previous versions. All information in this document is based on our current knowledge and experience. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. The company reserves the right to make changes on the formulations of the products without prior notice. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We also recommend that before applying the product, the user must read and understand the information presented in this document and/or related documents. The applying method, storage and transport conditions are beyond our control and therefore we do not accept any liability for damage. Despite being considered reliable, this information is only delivered as a guideline.

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