TECHNICAL DATA SHEET

Silcoset Primer
Primer

Description

Silcoset® Primer is a complex solvent solution of a silicone resin based primer specially developed for use with CHT 1 and 2K condensation / moisture curing RTV silicone sealants and elastomers. It is recommended for improved adhesion to most metals, glass, plastics and composites. Silcoset® Primer contains a pink dye that aids application of uniform thin coatings. For all new applications, it is recommended that customers carry out small-scale tests to determine the suitability of the primer and the strength of bond produced.

® = registered trademark

Key Features

- Aerospace approved
- For use with Silcoset 1 and 2 component elastomers
- Good resistance to water immersion
- Pink fluorescent dye for inspection aid

Key Applications

- Rolls Royce MSRR 9103
- NATO Stock code: 8030-99-224-1407

Application

For use with Silcoset 1 and 2 part condensation cure elastomers, not suitable for polycarbonate and acrylic

Use and Cure Information

This primer contains solvents which are classified as hazardous under current regulations. Users should read the Safety Data Sheets for this product carefully before use. Surfaces to be bonded should be dry and free from grease, oil, dust and release agents. Non-porous substrates should be solvent degreased prior to application. The primer should be applied with a lint-free cloth or paintbrush and allowed to dry thoroughly at room temperature for a minimum time equal to the tack free time given in this document, before applying the sealant. Drying should be carried out in a well ventilated area. Do not leave longer than 2 hours. The drying/curing time is dependent on the ambient temperature and humidity. Heat should not be applied to accelerate the drying cycle. Over-application of the primer will result in poor adhesion. As a guide, one litre of Primer should be sufficient for approximately 15 m². It is very important to check the compatibility in preliminary tests if unknown substrates are used.

Property	Test Method	Value
Product		
Solids Content (%)		**15 %**
Uncured Product		
23 +/-2°C and 50 +/-5% humidity		
Color		**Pink**
Cure Profile		**23+/-2°C and 50+/-5% humidity**
Density	BS ISO 2781	**0.86 g/cm3**
Flash Point °C	BS 2000-34	**-12 °C**
Odour		**Solvent**
Rheology		**Liquid**
Tack Free Time / Skin Formation at 23°C/73°F		**15 min**
Viscosity Mixed	Brookfield	**4 cP**
Storage		
Max Storage Temperature		**25 °C / 77 °F**
Min Storage Temperature		**5 °C / 41 °F**
Shelf Life		**12 mths**

Health & Safety

Safety

Please observe the safety data sheets and the safety statements on the container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the safety data sheet of the applied product at hand since it provides useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.

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