Technical Data Sheet

SILCOSET® Primer

Introduction

Silcoset® Primer is a complex solvent solution of a silicone resin based primer specially developed for use with 1-Part and 2-Part Condensation cure room temperature vulcanising (RTV) silicone rubbers.
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 in order to determine the suitability of the primer and the strength of bond produced.
The primer can be used to achieve improved adhesion of 2-Part Condensation Cure RTV rubbers to other silicone elastomers.

Key Features

- **For use with Silcoset® 1 & 2 Part RTV's**
- **Provides good resistance to water imersion**
- **Pink flourescent dye for easy inspection**

How to Use

Degrease all surfaces to which the primer and silicone rubber are to be applied. Care should be taken to avoid high boiling point solvent fractions, which often leave undesirable residues. Allow the surface to dry or wipe dry with a clean, lint- free rag.

If applying by brush, apply sparingly and clean brushes in a suitable solvent after use.
Apply primer to the degreased dry surface to be bonded using single light applications.

If possible avoid multiple application – a thin uniform film of primer is more effective.
After sufficient surface coverage has been achieved, close the primer container or replace the cover.

Leave primed articles to dry and cure for between 20 and 40 minutes depending on ambient temperature conditions (the use of elevated temperatures is not recommended). See product data for details.

If using a one-component silicone sealant, apply it to one primed surface and immediately bring the other primed (or unprimed if desired) surface into contact. Apply gentle pressure to attain intimate contact, whilst leaving sufficient sealant (normally a minimum of 1mm) to produce a good joint. If, for example, adhesion between two substrates employs a 2-part silicone rubber, catalyse and degas the chosen rubber during the primer drying cycle and then pour the rubber in the normal manner.

Property	Test Method	Value
Colour:		**Pink**
Appearance:		**Liquid**
Viscosity at 25°C:	ASTM D445-60	**4** mPas
Flash Point:	ISO 6719	**-12**°C
Density at 25°C:	BS 5350 Part B1	**0.86**g/cm^3
Tack Free Time:		**15** minutes *

* measured at 23+/-2°C and 65% relative humidity.

All values are typical and should not be accepted as a specification.

Health and Safety –
Note**: Always handle in a well ventilated area away from any sources of ignition**

Material Safety Data Sheets available on request. Customers are advised to read this information carefully before use.

Packages – Available, 100 ml, 500 ml, 1 litre and 20 kg non returnable containers. Please check with the sales office for stock packaging for this product

Storage and Shelf Life – Expected to be **12** months when stored in original, unopened containers between 5 and 25°C.

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