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TECHNICAL DATA SHEET

**Silmer TMS C50**

Condensation curable silicone

**DESCRIPTION**

**Silmer TMS C50** is a 100% active trialkoxy functional cross-linking silicone. **Silmer TMS C50** is used with reactive systems or surfaces to give some durability to the silicone.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Color, Gardner	< 1
Viscosity, cps	500
Active Content %	100
Water solubility 1%/ 10%	Insoluble/ Insoluble
IPA solubility 1%/ 10%	Soluble/ Soluble

**USES AND APPLICATION**

**Silmer TMS C50** is especially formulated to react and provide durable properties. **Silmer TMS C50** provides excellent durability, shine, water repellency, and release properties to many surfaces including concrete, roofing, rubber, countertops, etc.

The reaction with itself or other condensation reactive groups can be facilitated with acid or base, but will proceed slowly without catalysis. With three reactive sites, **Silmer TMS C50** will increase cross link density when used as a component of condensation cured systems, increasing hardness, stain and mar resistance while remaining flexible and increasing impact resistance.

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

**STORAGE AND SHELF LIFE**

When stored in the original, unopened containers between 10 and 40°C, **Silmer TMS C50** has a shelf life of 12 months from date of manufacture.

**PACKAGING**

**Silmer TMS Di-50** is available in 20kg and 200kg containers.

**LEGAL DISCLAIMER**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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