

DELO-PRE® 3003

silicon primer for DELO-GUM

Base

- silicone resin
- solvent-containing

Use

- advantageous under the following conditions: high mechanical stress, extreme climatic fluctuations, rigid or porous component materials
- advantageous for the following materials: aluminum, lead, iron, eloxal, epoxy resin, glazed tiles, glass, wood, clinker, copper, polyamide, polyester, china, steel, zinc, tin

Processing

- application of a thin primer layer to both bonding surfaces
- the layer thickness depends on the absorbency of the base material
- in case of highly absorbent substrates, primer application must be repeated
- after evaporation of the solvent, a strong priming film develops; therefore, the primer should be used on rigid materials only
- after an evaporation time of at least 30 min at room temperature, the silicone adhesive can be applied
- when using solvent-containing silicone adhesives, short thermal posttreatment between +120 and +150 °C is recommended to increase the solvent resistance of the primer
- the surfaces to be bonded must be dry as well as free of dust, grease and other contaminations
- use DELOTHEN cleaners for the cleaning of bonding surfaces
- adhesion can be further improved by roughening or sand blasting before primer application
- container must be stored closed

Technical data

Flash point [°C] at room temperature (approx. 23 °C)	-18
Density [g/cm ³] at room temperature (approx. 23 °C)	0.82
Evaporation time [min] at room temperature (approx. 23 °C)	at least 30
Storage life at room temperature (approx. 23 °C) in unopened original container	1 year

Instructions and advice

General

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behavior of the product under practical conditions and its suitability for a specific purpose cannot be concluded from this. It is the customer's responsibility to test the suitability of the product for the intended purpose by considering all specific requirements. Type and physical and chemical properties of the materials to be processed with the product, as well as all actual influences occurring during transport, storage, processing and use, may cause deviations in the behavior of the product compared to its behavior under laboratory conditions. The data and information provided are therefore no guarantee for specific product properties or the suitability of the product for the intended purpose.

Nothing contained herein shall be construed to indicate the non-existence of any relevant patents or to constitute a permission, encouragement or recommendation to practice any development covered by any patents, without permission of the owner of this patent.

All products provided by DELO are subject to DELOs' General Terms of Business. Verbal side agreements are not permitted. This document is subject to change.

Occupational health and safety

see material safety data sheet

Specification

The properties in italics are part of the specification. Ranges with clear limits are defined for them and others, where applicable. In the course of the QA test, each batch is tested for these properties and the maintenance of the limits is ensured. The measuring methods used can deviate from those specified in the data sheet. Details can be found in the QA test report.