

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

Technical data

Flash point [°C] at room temperature (approx. 23 °C)	-18	-0 °F
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	

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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.

Many product properties are subject to temperature and may change permanently, especially at high temperatures.

It is the user's responsibility to test the suitability of the product for the intended purpose and temperature range of use 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. All data provided are typical average values or uniquely determined parameters measured under laboratory conditions.

The data and information provided are, therefore, no guarantee for specific product properties or the suitability of the product for a specific purpose.

Occupational health and safety

see material safety data sheet

Specification

see quality assurance test report

Converting table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$

$\text{mm} / 25.4 = \text{inches}$

$\mu\text{m} / 25.4 = \text{mil}$

$\text{g} / 28.3495 = \text{oz.}$

$\text{Mpa} \times 145 = \text{psi}$

$\text{mPas} = \text{cP}$

$\text{N} \times 0.225 = \text{lb.}$