ELASTOSIL® RD 3151 F

ELASTOSIL®

Silicone Rubber Dispersions

ELASTOSIL® RD 3151 F is a silicone rubber dispersion for textile coatings and and is also in use as primer for bonding silicone rubber on PEX surfaces.

Properties

- high abrasion resistance
- easy to clean surfaces
- high heat resistance
- good adhesion to glass fiber and various textiles
- glosssy surface

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic[1]	23 °C	5200 mPa·s	Brookfield
Density	23 °C	0.90 g/cm³	ISO 2811

[1] 2.5 rpm

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Industrial Textiles

Application details

ELASTOSIL® RD 3151 F is a solvent based dispersion (50 % in Shellsol 80/110). If necessary, further dilution with suitable solvents is possible. It can be used as primer for bonding silicone rubber on PEX surfaces, coating for textile braided cables and generally as top coat for silicone rubber coatings. Once cured, the coating shows high abrasion stability and a dry surface, providing easy to clean properties, e.g. for architectural membranes.

Processing

ELASTOSIL® RD 3151 F is processed by thorough incorporation of a crosslinker.
Recommended ratio is 100 parts of ELASTOSIL® RD 3151 F plus

- 3 parts of CROSSLINKER W (for textile coatings) or
- 6 parts of CROSSLINKER W (as a primer for bonding silicone rubber on PEX surfaces)

Recommended curing conditions: evaporation of solvent at 80°C, followed by curing at 150-200°C.

Packaging and storage

Packaging

This product is available in 20 kg pails.

Storage

Once opened, containers should always be resealed after use to prevent the platinum catalyst from being poisoned by amines, sulphur or phosphorus compounds.

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code ELASTOSIL® RD 3151 F

For technical, quality or product safety questions, please contact:

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