

WACKER® PRIMER G 718

Product description

WACKER® PRIMER G 718 improves adhesion of ELASTOSIL® RTV-1 silicone rubber to smooth surfaces such as metals or plastics. WACKER® PRIMER G 718 forms a silicone-resin film and is not suitable for highly alkaline surfaces.

Application

WACKER® PRIMER G 718 improves adhesion of ELASTOSIL® RTV-1 silicone rubber to some plastics and especially to metals that may have been surface-treated. Brief baking of the substrate (where feasible) at 120 to 150 °C after the primer film has formed will further enhance adhesion. Baking will improve adhesion to metals most of all. It will also increase the primer's resistance to silicone rubbers that have a high solvent content.

Consumption of WACKER® PRIMER G 718 is about 30 - 50 g/m².

Processing

All surfaces to be primed must be dry, clean and completely free of contaminants such as dust, dirt, rust, oil, ect. The edges of the joint should be covered with masking tape to form a neat clean joint.

The drying time given apply at room temperature and should be strictly observed since it decisively influences the adhesion of ELASTOSIL® RTV-1 silicone rubbers. The drying time is increasing at low ambient temperatures and decreasing at high ones. Contamination of the primed substrate surfaces will reduce the adhesion of silicone sealants. Therefore, it is to be ensured that the substrate surface is protected after the primer has been applied and that the silicone sealant is applied as soon as possible after the primer coat has dried.

Storage

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>.

Product data

Typical general characteristics	Inspection Method	Value
Color		yellow red
Active content		11 %
Density at 20 °C	DIN 51757	0,82 g/cm ³
Solvent		acetone / toluene
Flash point	DIN 51755	-18 °C
Ignition temperature (liquids)	DIN 51794	540 °C

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

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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