

ELASTOSIL[®] E209



Moisture Curing Silicone Rubber (RTV-1)

ELASTOSIL[®] E209 is a one-component silicone rubber with low viscosity, which cures due to the influence of atmospheric humidity at room temperature.

Properties

- low viscosity
- flowable

Specific features

- Acetoxy-cure
- Primerless adhesion to most substrates

Technical data

General Characteristics

Curing conditions: 2 mm, 14d / 23 °C / 50 % RH

Property	Condition	Value	Method
Density	23 °C	1.05 g/cm ³	DIN EN ISO 1183-1 A
Viscosity, dynamic (spindle 5, 10 RPM)	23 °C	approx. 25000 mPa·s	Brookfield
Hardness Shore A	-	30	DIN ISO 48-4
Skin forming time	23 °C	7 - 10 min	-

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

- Energy

Application details

Processing

ELASTOSIL® E209 shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application.

Packaging and storage

Storage

Minimum temperature allowed during storage and transportation: 0 °C.

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

During vulcanization of ELASTOSIL® E209, small amounts of acetic acid is split off. These vapours should not be inhaled for long periods or in high concentration. Work areas should therefore be well ventilated. Contact of unvulcanized silicone rubber with eyes and mucous membranes must be avoided as this would cause irritation. However if it does happen, rinse the affected area thoroughly with water.

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® E209



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
info@wacker.com, www.wacker.com

The data presented in this medium 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 medium 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 information provided by us does 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 product for a particular purpose.