

Product Name

ELASTOSIL® E41

Product Description

ELASTOSIL® E41 is a flowable one-component silicone rubber with very good mechanical properties, which cures at room temperature under the influence of atmospheric moisture. Features include: acetic acid-curing system, flowable, contains toluene as a solvent, excellent primerless adhesion to many substrates. Typical application: multipurpose glue.

Product Data

Uncured Rubber

Colour		Transparent
Density at 23°C	[g/cm ³]	1.06
Viscosity at 23°C	[mPa s]	65,000

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

Cured Rubber

Colour			Transparent
Density at 23°C, in water	DIN 53 479 A, ISO 2781	[g/cm ³]	1.09
Hardness, Shore A	DIN 53 505, ISO 868		30
Elongation at break	DIN 53 504-S 1, ISO 37	[%]	500
Tensile Strength	DIN 53 504-S 1, ISO 37	[N/mm ²]	4.5
Tear Strength	ASTM D 624 B	[N/mm]	13.0

Processing Features

Skin-forming time at 23°C, 50 % RLF	min	10-25
Curing time at 23°C, 50 % r.h.	h/mm	12-24

ELASTOSIL® E41 shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application.

Storage

ELASTOSIL® E41 has a shelf life of at least 9 months if stored in tightly closed original containers between 5°C and 25°C. The "Best use before end" date of each lot is shown on the product label. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

Issue Date

2nd July 2010

Revision Number

1

Disclaimer

The data presented in this leaflet are in accordance with the present state of our knowledge, and does 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. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.

Manufactured by Wacker