

PLASTOSIL E 43

CHARACTERISTICS

PLASTOSIL E 43 is a self-leveling silicone rubber with very good mechanical properties, which cures at room temperature under the influence of atmospheric moisture.

SPECIAL CHARACTERISTICS

- Acetic acid-curing system
- Self-leveling
- Excellent primer less adhesion to many substrates

APPLICATION

- Multipurpose glue

PROCESSING

Skin-forming time, 23 °C, 50 % RH	10 - 25 min
Curing time, 23 °C, 50 RH	12 h/mm

PLATOSIL E 43 shows good primer less adhesion to many substrates. We recommend to run preliminary tests to optimize conditions for the particular application.

STORAGE

PLASTOSIL E 43 has a shelf life of at least 9 months when stored in tightly closed original containers at 25 °C. The Best use before end date of each batch appears 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.

PRODUCT DATA

PROPERTY	TEST METHOD	UNIT	VALUE
Color			Transparent / black / white
Density at 23° C		[g/cm ³]	1.09
Viscosity at 23°C	ISO 3219	[mPa s]	350, 000

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

PRODUCT DATA

PROPERTY	TEST METHOD	UNIT	VALUE
Color			Transparent / black / white
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

2 mm, 14 d storage at 23 °C, 50 % RH.

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SAFETY INFORMATION

During vulcanization of PLASTOSIL E 43, a total of 4 % by weight 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.

B.F. PLASTOSIL S.R.L.