

## EGOSIL TAPE 980 STRUKTUR

is a prefabricated and high-temperature cross-linked silicone rubber tape for sealing structural joints, especially for repairing defective joint seals in precast construction. EGOSIL TAPE 980 is multicolored with a textured surface. The elastomer joint tape is part of a tested sealing system, which also includes the adhesive/sealant EGOSIL KLEBER and the primer EGO PRIMER FDF.

### PROPERTIES

The product is characterized by the following properties:

non-ageing · chlorine-free · permanently elastic · odorless · solvent-free · structured · UV-resistand · plasticizer-free

### APPLICATION

EGOSIL TAPE 980 is suitable for exterior wall joints, building separation joints and connection joints between different building components and materials. The tapes can be laid in loops, at an angle and preferably flat over the component joints. By selecting the appropriate joint tape width, undersized and oversized, offset and conical joints can be sealed in a functional manner.

**Areas of application:**

structural engineering

### INSTRUCTIONS

- ① The bonding surfaces must be clean, dry, load-bearing and free of dust and release agents.
- ② Joint tapes can be laid on smooth, rough and coarse to very coarse substrates.
- ③ Compatibility and substrate pre-treatment, especially for existing coatings, must be checked.
- ④ The surfaces to be bonded must be cleaned before the tape is laid.
- ⑤ For clean joint edges, masking with paper masking tape is recommended before applying the adhesive
- \* Further information: see "EGOSIL TAPE" brochure

### STANDARDS

EGOSIL TAPE 980 complies with:

**Standards:**

- DIN 18349

**Data sheets of German association IVD Industrieverband Dichtstoffe e.V.:**

- No. 4, 9, 24, 28, 29, 31, 35

### SPECIFICATIONS

Specifications	Results	Based on
<b>Chemical base</b>	silicone rubber tape, plasticizer-free	
<b>Processing temperature</b>	+5 °C and above	
<b>Temperature resistance</b>	-60 °C until +200 °C	
<b>Shore A hardness</b>	approx. 45	DIN 53505
<b>Tear resistance</b>	approx. 9 N/mm <sup>2</sup>	DIN 53504
<b>Elongation at break</b>	380 %	DIN 53504
<b>Rebound elasticity</b>	64 %	DIN 53504
<b>Compression set</b>	11 %	DIN ISO 815
<b>Tensile strength</b>	approx. 90 N (tape thickness 2 mm)	IVD data sheet no. 4
<b>Permissible total deformation</b>	25 %	
<b>Building material class</b>	B2, normal flammability	DIN 4102

### AVAILABILITY AND STORAGE

Colors	all color shades similar to RAL or NCS color chart, depending on the order			
Packaging	thickness x width	meters / roll	rolls / carton	meters / carton
	2.0 x 40 mm	25	2	50
	2.0 x 50 mm	25	2	50
	2.0 x 60 mm	25	2	50
	2.0 x 80 mm	25	2	50
	2.0 x 100 mm	25	2	50
	2.0 x 120 mm	25	1	25
	2.0 x 140 mm	25	1	25
	2.0 x 160 mm	25	1	25
	2.0 x 180 mm	25	1	25
	2.0 x 200 mm	25	1	25
	Other dimensions upon request			
Shelf life	Store in its original packaging in a cool, dry place: ■ unlimited			

### SAFETY INFORMATION

Complies with	Regulation (EC) No 1907/2006 (REACH)
Not hazardous	according to Regulation (EC) No 1272/2008 (CLP)
Not subject to labeling	according to Regulation (EC) No 1272/2008 (CLP)
Safety instructions	see SDS
Disposal	see SDS

For warnings refer to the Safety Data Sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the application or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.