

TECHNICAL DATASHEET ADHESIVE SEALANT ST-POLYMER

Product description

Dosteba Adhesive sealant ST-Polymer is a dynamic high-strength adhesive sealant based on silane terminated polymer with good UV stability. ST-Polymer achieves high strength. The product hardens rapidly under humidity even at low temperatures into a permanently elastic, vibration-compensating adhesive sealant. ST-Polymer does not require special labelling.

Scope of application

Dynamic bonding of wooden materials, combination bonding with metals, plastics, concrete, stone, marble and natural stones, decorative boards, wall coverings, panels, wooden mouldings, window sills, insulation materials, stairway construction and stairway renovation.

Characteristics

- processable from 0 °C
- UV-stable
- high levels of strength
- permanently elastic
- vibration-compensating
- paintable

Technical data

Basis:	one-component moisture-curing silane terminated polymer
Density:	approx. 1,60 g/ml
Consistency:	pasty, low viscous
Skin forming time:	approx. 8-9 minutes (+20 °C / 50 % RH)
Curing:	3 mm layer / 24 h (+20 °C / 50 % RH)
Application temperature:	min. > 0° C max. +40°C
Shore A hardness:	approx. 70 - 75 Shore
Tensile shear strength:	3 - 4 N/mm ² (DIN 53504)
Temperature resistance:	-40°C to +90°C, in cured state; up to 120°C for short periods of time
Packaging:	Cartridge
Volume:	290 ml
Colour:	white or light grey
Shelf life:	12 months, between +15°C and +25°C in unopened original containers. Protect from heat.

Processing instructions

Coating compatibility: can be coated after curing; when coating is applied too soon possible formation of bubbles in the coating.

Processing instructions (continued)

The substrates to be bonded must be free of dust, grease and oil and must also be solid and capable of bearing the load. If necessary, grind prior to bonding.

Paints, coatings and plastics must be compatible with ST-Polymer.

Carry out adhesion checks and pre-tests.

Application limitation

The product is not suitable for substrates such as PP, PE, Teflon, bitumen or substrates which contain waxes or under water.

Special instructions

The labelling of the product in accordance with Regulation (EC) No. 1272/2008 (CLP) can be found in the safety data sheet.

Further instructions are available on the latest safety data sheet.

The information on our technical data sheets is based on our experience and current state of knowledge. It is your responsibility to test the suitability of our products for your intended use. Dosteba AG and Dosteba GmbH disclaims all liability for consequential damages.