

## 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 <sup>2</sup> (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.<br>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.

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