

# **TONAFLEX-S**

## **<product information>**

### **Description:**

Two component high build polyamine adduct cured solventfree flexible epoxy adhesive and putty used to repair structural cracks, expansion and construction joints.

### **Principal Characteristics:**

- outstanding water and crude oil resistance
- good abrasion resistance
- well tolerable up to 5cm thicknesses at overlaps no sagging
- good resistance against temperatures up to 110 °C in dry conditions.
- cures at temperatures down at +10 °C
- excellent water and corrosion resistance
- easy application
- excellent adhesion to steel, concrete, metal surfaces
- Colours:White

### **BASIC DATA(for mixed product at 20 °C)**

Mass density	:approx.1,78 g/cm <sup>3</sup>
Solids content	:approx.100 % by volume
Pot life	:at 20°C approx. 45 min;at 30°C approx. 25 min.
Full cure after	:7 days
Theoretical spreading rate:0,5 m <sup>2</sup> /kg at 1 mm dry film thickness(Depending on surface permeability and porosity)	
Packing	:In cans of 1 or 5 kg including the hardner.
Shelf life	:at least 12 months in cool and dry places.
Flexibility	:200%
Electrical Conductivity	:10 <sup>13</sup> Ohm
Thermal expansion	:20-22.10 <sup>-6</sup>
Tensile strength	:37 N/mm <sup>2</sup>
Impact resistance	:72 N/mm <sup>2</sup>
Coefficient of heat conductivity	:0.3 kcal/mh°C

### **INSTRUCTION FOR USE**

- |                   |                                   |
|-------------------|-----------------------------------|
| Mixing ratio      | :by weight base to hardener 63:37 |
| Pot life at 20 °C | :45 min.                          |
- The temperature of the mixed should be above 10 °C
  - Area treated should be primed before the application of TONAFLEX
  - Thinner should not be added to product because it causes sagging.

CLEANING SOLVENT

:EPOXY THINNER

**Precaution of safety:**

Labeling is required with accordance with the German federal regulation of dangerous substance.

**R-phrases:**

10 Flammable  
20 Harmful by inhalation

36/37/38 Irritating to eyes and respiratory systems and skin.  
42 may cause sensitization by inhalation

**S-phrases:**

7/8 Keep container tightly closed and dry  
26 In case with contacts with eyes, rinse immediately with plenty of water.

38 In case of insufficient ventilation wear suitable respiratory equipment.

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