

## TWO-COMPONENT POLYURETHANE SELF-LEVELING JOINT SEALANT REAL DC 985

### PRODUCT DESCRIPTION

**REAL DC 985** is a two-component, liquid, self-leveling, expanding and joint-sealing polyurethane-based compound with high mechanical and chemical resistance. The product is characterized by high mechanical strength, hard-elastic properties, chemical resistance, and excellent adhesion when applied over a suitable primer.

### TECHNICAL SPECIFICATIONS

Appearance	Grey
Density (gr./ml. 20°C)	1,30 ± 0,05
Mixing ratio by weight	Comp.: A 85 units Comp.: B 15 units
Solids by weight (w/w)	% 1,25 ± 2
Application method	Trowel and squeegee
Open working time at +20°C	20-25 min.
Touch dry	6 hours
Full drying at +20°C	4-10 days
Bending Strength	+120 °C
Compressive strength	75 N/mm <sup>2</sup> (7 days) (TS EN 196-1)
Shore D hardness	35 (7 days)
Continuous Thermal Endurance	+50°C + 80°C (most 7 days)



### APPLICATION AREAS AND FEATURES.

**REAL DC 985** is used as a liquid, self-leveling joint sealant.

**REAL DC 985** areas of use:

It is used as a liquid, self-leveling, expansion and joint-filling polyurethane-based compound with high mechanical and chemical resistance. The product is characterized by high mechanical strength, a hard-elastic structure, chemical resistance, and excellent adhesion when applied over a suitable primer.

### ENVIRONMENTAL CONDITIONS

The air temperature should be in the range of +15°C to +35°C. Application should not be carried out when the humidity exceed 80%. The surface temperature must be at least 3–5°C above the dew point to prevent condensation.

It should be noted that material consumption will increase when applied at lower temperatures. The surface temperature must be at least +5°C and no more than +45°C.

**USAGE****Surface Preparation**

The application surface must be dry and free from all types of dust, dirt, loose and weak particles, cement laitance, oil, and grease. The concrete substrate must be clean, solid, and have sufficient compressive strength. The application surface must be dry and free from all types of dust, dirt, loose and weak particles, cement mortar, oil, and grease. The concrete substrate must be clean, solid, and have sufficient compressive strength.

**Product Usage**

**REAL DC 985** is used in areas such as parking lots, ramps, hangars, loading and unloading zones. It is an excellent material for joint filling in places such as tunnels, infrastructure, bridges, canals, and sewer systems.

Consumption: The required amount is determined by the user and applied depending on the type and size of the joint or the crack.

**PACKAGES****REAL DC 985**

Component A: 4.4 kg. + Component B: 0.6 kg.

Total set weight: 5 kg.

Component A: 17 kg. + Component B: 3 kg.

Total set weight: 20 kg.

**SHELF LIFE**

The products must be stored in its original packages in a cool and dry place. The shelf life in unopened packages is 24 months for components A and B.

**HEALTH AND SAFETY INFORMATION**

Refer to the product's Material Safety Data Sheet (MSDS) for safety guidelines and warnings.

The most essential safety precautions to follow are:

Contact of the product with skin and eyes must be avoided by using gloves, safety goggles, a face mask, and protective cream.

Ensure proper ventilation during application and until the primer is fully dried.

In case of skin contact, wash the affected area with warm water, soap, or a suitable cleanser.

In case of eye contact, rinse thoroughly with water for at least 10 minutes and seek medical attention.

Carefully read all warning labels on the packaging and strictly follow the recommended working

\* Our information about the products is based on our own laboratory tests and researches under normal conditions. Our company is not responsible for studies under unsuitable application conditions. The right to change this information is reserved by our company. Please contact R.Y.K. for more detailed information

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