

COSTAR EXPANSEAL 300

Two Component Polyurethane Expansion Joint Sealant

Description

Costar Expanseal 300 is self-leveling polyurethane sealant ideal for horizontal applications that allows continual movements of the structure caused by thermal changes without cracking.

Features

- Easy application
- Fast cure and over paintable
- Self-leveling consistency
- Possesses permanent elasticity
- High adhesion strength
- Allows joint movement

Advantages

- Used for sealing of horizontal joints both internal and externally
- Expansion joints between many different construction materials
- Industrial floors, sidewalks and garages

Application

Before application, be sure that joint surfaces are clean, dry and free of all contamination.

Pour entire contents of Component B into Component A. Mix for 5-10 minutes to achieve a uniform consistency with a low speed drill (400-600 rpm). Avoid entrapment of air during mixing.

Apply sealant evenly, if necessary, use masking tape and remove the tape while the sealant is still soft.

Apply sealant in 15 minutes.

Proper design is 2:1 width to depth ratio. If necessary, use backer rod up to adjust joint depth.

Packaging

- Part A: 6Kg
- Part B: 3Kg

Packaging

Depth (mm)	Width(mm)			
	10	15	20	25
10	8-10m	5-6m	4m	1.5-2m

Technical Information

Properties	Values
Color (After Mixing)	Grey
Density(20°C)	1,35 gr/cm ³ ±0.05
ApplicationTemperature	+5°C to +35C
Hardness ASTM D2240, DIN 53505, ISO R 868	± 25 (Shore A)
Elongation Percentage (23°C)(ASTM D 412)	>300%
Adherence on Concrete (23°C)(ASTM D 903)	> 25 N/mm ²
Pot life and drying time depends on temperature	Touch Dry: 90/120 minutes
Tack FreeTime	1-2 Hrs

*Considering the diversity of paint base and quality, compatibility tests should be done before application

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Standards

Meets the requirements of ISO 11600 F 25 LM

Precautions

It is advisable to use hand gloves and goggles during application. Avoid application and damp or moist substrate. It should be stored at room temperature.

Safety & Disposal

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data sheet.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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