



Epoxy.com Product #11

100% Solids Epoxy Control Joint Filler

GENERAL DESCRIPTION

Product #11 is a 100% solids flexible epoxy joint filler for saw-cut joints of concrete slabs on grade, or to repair existing slabs. Product #11 absorbs the impact and shock of heavy loads and steel wheeled traffic, preventing erosion of control joint edges.

ADVANTAGES

- ➔ *High elongation*
- ➔ *Flexibility provides for joint movement*
- ➔ *Protects slabs edges from chipping*
- ➔ *Cures on damp or wet surfaces*
- ➔ *Field proven reliability*
- ➔ *Good shock absorption qualities*

SURFACE PREPARATION

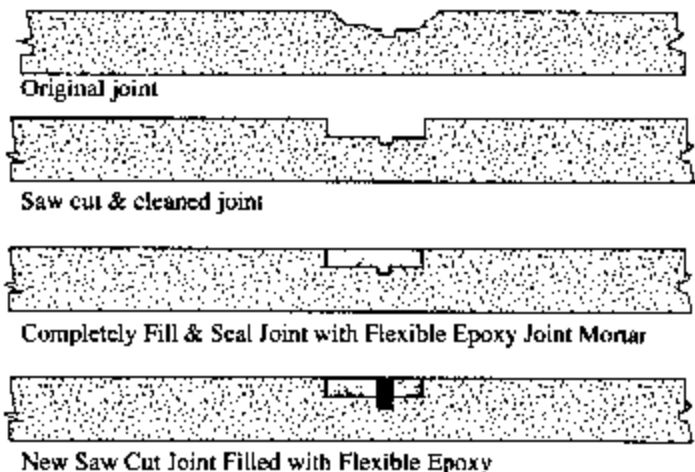
Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, or mechanical abrasion. Remove water and dust from all surfaces with an oil-free blast immediately prior to application.

MIXING INSTRUCTIONS

Temperature of Product #11 must be 50 degrees F or above at time of mixing. Stir each component separately before blending. Mix one part by weight of Part A with one part by weight of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

APPLICATION

For application on flat surfaces Product #11 can be poured. For vertical surfaces Product #11 can be thickened with Product #71. Contact Epoxy.com for more information on the thickening process. This mix of Product #11 & Product #71 can be applied by power or hand operated caulking gun, by trowel, or with a putty knife, or pumped from one of Epoxy.com' Binary Pumping Systems. In areas where cosmetics are important mask both sides of the substrate before applying the material.



LIMITATIONS

Use of **solvents** for thinning **will** prevent proper cure. Product #11 should not be installed on new concrete floors until maximum shrinkage has occurred. Generally speaking, this time period is a minimum of 28 days.

Safety Precautions

Prolonged or **repeated exposure may** cause eye and skin irritation. If contact occurs, **wash immediately and seek medical help**. Use safety **glasses with side shields** and wear protective rubber gloves.

Cleaning

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

| APPLICATION PROPERTIES @77 DEGREES F | |
|---|--------------------------------|
| Mix Ratio | 1:1 By Weight |
| Viscosity (mixed) | 2,200 CPS |
| Gel Time | 30 minutes |
| Consistency | Pourable liquid |
| Initial Cure | 8 Hours (80% strength) |
| Final Cure | 2-3 Days |
| Packaging (unit size) | 1 gal., 5 gal. |
| Standard Colors | amber |
| Shore A. Hardness | 70 to 80 |

| PHYSICAL PROPERTIES | |
|---|---|
| Artificial Weathering (ASTM G23-75 Type D) | 10-15% elastomeric property change after 1000 hours |
| Bond Cohesion after Water Immersion (Fed. Spec TT-S-00227E) | No Failure after 25% total movement |
| Tensile Strength (ASTM D-638) | 600 p.s.i |
| Ultimate Elongation (ASTM D-638) | 35% |
| Tear Resistance (ASTM D-624-73) | 20 lb./in |
| Service Temperature | 30 degrees F. to 180 Degrees F. |

Coverage

Chart is based on the relationship between the 231 cubic inches in a US gallon and the dimensions of the joint. Coverage is per gallon

| | | | | | | |
|------------------------|-----|-----|-----|-----|-----|----|
| | ¼ | 3/8 | ½ | 5/8 | ¾ | 1 |
| ¼ | 308 | 205 | 154 | 123 | 102 | 77 |
| 3/8 | | 136 | 102 | 82 | 68 | 51 |
| ½ | | | 77 | 61 | 51 | 38 |
| 5/8 | | | | 41 | 39 | 30 |
| ¾ | | | | | 34 | 25 |
| 7/8 | | | | | | 22 |
| 1 | | | | | | 19 |
| Linear Feet Per Gallon | | | | | | |

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

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