



Epoxy Systems™ Product #632

100% Solids Novolac Epoxy Control Joint Filler

GENERAL DESCRIPTION

Product #632 is a 100% solids flexible Novolac epoxy Chemical Resistant joint filler for saw-cut joints of concrete slabs on grade.

ADVANTAGES

- *Highly Chemical Resistant*
- *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, mechanical abrasion, or acid etching. Remove water and dust from all surfaces with an oil-free blast immediately prior to application.

MIXING INSTRUCTIONS

Temperature of Product #632 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 #632 can be poured. For vertical surfaces Product #632 can be thickened with Product #71. Contact Epoxy Systems for more information on the thickening process. This mix of Product #632 & Product #71 can be applied by power or hand operated caulking gun, by trowel, or with a putty knife. 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 #632 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)
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 psi
Ultimate Elongation (ASTM D-638)	35%
Tear Resistance (ASTM D-624-73)	20 lb./in
Service Temperature	30 degrees F. to 180 Degrees F.

For additional information please contact:

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