

Technical Bulletin # 1018C

Product Description

ITW POLYMER TECHNOLOGIES EXPANSION JOINT COMPOUND is a two component epoxy resin formulation intended as a flexible foundation seam sealant. It is self-leveling, flows smoothly and has good adhesive strength and flexibility over a wide temperature range.

Use & Benefits

ITW POLYMER TECHNOLOGIES EXPANSION JOINT COMPOUND is used to seal joints where expansion and contraction movement will take place. For best results, design the joint to be twice as wide as is deep.

A few of the benefits include:

- Excellent adhesion to concrete, masonry, cured epoxy, glass, aluminum, steel, wood and many other construction materials.
- Remains flexible over a wide temperature range, 0°F to 150°F (-18°C to 65°C).
- Durable and weather resistant.
- Vibration and impact resistant.

Surface Preparations

Store the resin and hardener at between 70°F (21°C) and 80°F (27°C) for 24 hours before use. All surfaces must be sound, clean and dry. Remove all oils, grease, previous caulking, efflorescence and protective coating, etc. New concrete must be completely cured. Application should be made when the joint is as near mid-working temperature range as practicable, but above 55°F (13°C). Mix EXPANSION JOINT COMPOUND by adding the hardener to the resin can and using a small Jiffy mixer blade at 200 rpm in an electric drill. Mix for three minutes. Clean all tools with PRT-59 solvent. A trowelable mixture can be made by adding dry sand to mixed EXPANSION JOINT COMPOUND.

Physical Properties

ELONGATION	200%
SERVICE TEMPERATURE	0°F - 150°F (-18°C to 65°C)

Product Information

COLORS	Red or Gray
MIX RATIO	12 parts resin to 1 part hardener
COVERAGE	152 cu. in. (2.5 liters)
APPLICATION TEMPERATURE	Above 13°C (55°F)
CURE TIME (approximate)	24 hours at 75°F (24°C) 48 hours at 55°F (13°C)
POT LIFE	45 minutes
CLEAN UP	IMPAX IXT-59 Solvent
UNIT WEIGHT	Resin: 1 gallon can. Net weight 6 lbs. 8 oz. (2.95 kg) Hardener: 1 pint can. Net weight 8.5 oz. (241 g)

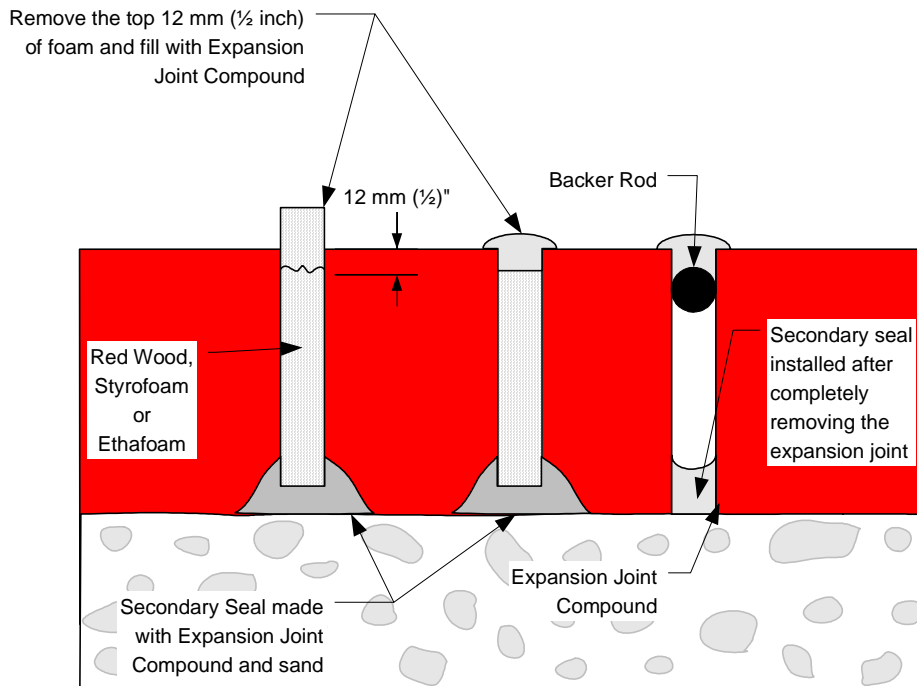
Date

10/2005

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