

Fast Set Flexible Joint Sealant (830)



Easy Application:
Prepare & Clean the Joint...



Place the backer rod...



Apply the material.

Product Description:

830 dual cartridge system consists of a two component 100% solids polymer designed for applications where a resilient joint material is needed. The material is a semi-clear unpigmented product packaged in a 300ml x 300ml dual cartridge system with a ½" 30 element static mixing nozzle, and retainer nut.

Product Benefits:

- Fast Setting Material- Ready for recoat or topcoat in 60 minutes
- Flexible
- Convenient packaging allows for easier application on small to medium sized jobs or where bulk mixing material is not available

Typical Applications

- Designed for applications where a resilient joint material is needed.
- Recommended for: Concrete/cement expansion joints in general industry

Standard Resins

Asheville, NC

Contact us today at 828-989-6614

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Physical Properties

Solids By Weight:

100%

Volatile Organic Content:

zero pounds per gallon

Standard Colors:

semi-transparent clear unpigmented

Recommended Film

Thickness:

1/2" to 1 1/2"

Coverage Per Unit:

A tube set is 600ml (approximately 0.1558 gallons)

Approximate coverage rate for 1 tube set @ 1/2" wide by 1/2" deep would be 11 to 12 feet)

Packaging **Cubic Inches**
300ml x 300ml 36 (approx)

Packaged as a dual cartridge system with two 300ml cartridges per set. Sold in packages of six sets per box.

Mix Ratio:

1:1 by volume

Shelf Life:

6 months in unopened containers properly stored at normal room temperatures

Compressive Strength:

2,300 psi

Tensile Strength:

1,984 psi

Adhesion:

410 psi (elcometer)- concrete failure

Hardness:

Shore D = 40-45

Impact Resistance:

Excellent

Abrasion Resistance:

18.2 mg loss with a 1000 gram total load at 1000 revolutions with a CS17 wheel

Viscosity

1,200 cps - 1,400 cps typical

Primer:

None required.

Topcoat:

None required. However, many types of products can be used as coatings or overlays for the area that has been patched.

DOT Classification:

"Not Regulated"

Application Temperature:

40-90 degrees F (lower temperatures will require additional cure time)

See our technical data sheet for complete application instructions, technical information, product warranty and limitations.

Cure Schedule (70 °F)

pot life - 150 gram mass	1-2 minutes
Recoat or topcoat	1 hour
Light Foot Traffic	1-3 hours
Full Cure (Heavy Traffic)	3-5 days

Easy Application

Prepare



Remove all loose concrete, previous joint compound, or other foreign material to leave a clean sound joint at least 1/2" deep.

Clean



Vacuum all dirt, dust, foreign contaminants to assure a trouble free bond.

Place



Place a backer rod into the joint. The joint depth should be at least 1/2 the joint width from the top of the backer rod to the top of the joint with a minimum 1/2".

Apply



Before applying: Material must be mixed (shaken) well before using to prevent soft spots. Dispense small beginning portion onto cardboard to discard any unmixed material. Apply mixed material by pumping in a continuous motion into the expansion joint.