

FLEXIBLE JOINT SEALANT

K05100003, (1 Gallon Kit), Part A + B

Product Data Sheet

KRYLON

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DESCRIPTION

Flexible Joint Sealant is a two-component, polymer hybrid containing both urethane and epoxy resins in order to provide a resilient filler for horizontal expansion joints. This chemistry allows excellent flexural strength and elongation while maintaining impressive tensile strength. It has good adhesive strength and flexibility over a wide temperature range. Acceptable for use in federally inspected meat and poultry plants.

ADVANTAGES

- A filler and sealer for narrow masonry control joints and grooves
- Helps prevent damage to the joint and its edges

SURFACE PREPARATION

All surfaces must be sound, clean, and dry. Concrete should be cured for 28 days minimum. Remove all oils, grease, previous caulking and coatings prior to application. Insert a backer rod into the joint leaving approximately 1" (2.54 cm) from the top of the backer rod to the top of the joint. To ensure adequate joint elasticity, the depth of the material should not exceed twice the width. Using tape, mask off the edges of the joint to prevent caulk from getting into the surrounding surface.

MIXING AND APPLICATION

The concrete surface should be at least 55°F minimum during application. Pre-mix components separately. Power mix equal parts of **Part A** and **Part B** together until streak-free, using a metal mixing blade (Jiffy Model HS or equal). Trowel or gun material into the joint allowing the material to settle. A second application may be necessary if material settles. Scrape joint level with floor using a putty knife and remove tape. Allow 24 hours before opening to traffic.

PERFORMANCE CHARACTERISTICS

Viscosity: @ 77°F, cps

Part A: 120800

Part B: 380

Service Temperature:

Result: -40°F to 200°F

Tensile Elongation:

Result: 50% @ Breaking Point @ 72°F

CHARACTERISTICS

Finish: Low sheen

Color: Gray

Volume Solids: 100%, mixed

VOC (Calculated): 0 g/L; 0.0 lb/gal, mixed

Mix Ratio: 8.9:1 by volume

Recommended Spreading Rate: Approximately 231 cu in/gal, 75 linear feet per gallon at 1/2" x 1/2"

Drying Schedule @ 72°F, 50% RH:

To touch: 2-3 hours

Moderate service: 9 hours

Full cure: 5 days

Pot Life: 30 minutes @ 72°F, 50% RH

Sweat-in Time: None required

Shelf Life: 12 months, unopened, @ 72°F

Flash Point (Catalyzed): >200°F, PMCC

Reducer/Clean-up: Epoxy Reducer (K01661000), (clean-up only)

Application Temperature: Above 55°F

Relative Humidity: 90% maximum

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Krylon Industrial Coatings™ Distributor. Please direct any questions or comments to your local Krylon Industrial Coatings™ Distributor.

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