

JOINT-GUARD™ CJ

Control Joint Filler



PRODUCT DESCRIPTION

JOINT-GUARD™ CJ is a two component 100% Solids Flexible Epoxy Joint Filler designed to fill and protect saw cut/control joints in on-grade concrete slabs and to repair existing damaged control joints and cracks. JOINT-GUARD™ CJ has excellent heavy load traffic bearing properties and bond strength. JOINT-GUARD™ CJ has outstanding recovery when the joint material has been stretched.

PRODUCT FEATURES

1. Up to 100% Elongation.
2. Good resistance to steel wheel traffic.
3. Very resilient and tough.
4. Outstanding water tight bond to concrete.
5. Helps to prevent erosion of control joint edges.
6. Self leveling.
7. Easy to work with, cold applied, no special equipment needed.
8. Excellent adhesion to concrete.
9. USDA approved.

TECHNICAL DATA

VOLUME SOLIDS: 100%

COLOR: Gray

SHORE A HARDNESS: 70-80

ELONGATION (ASTM D638): 80% - 100%

TENSILE STRENGTH: (ASTM D638): 600 psi

TEAR RESISTANCE: (ASTM D624 73): 30 lb/in.

ARTIFICIAL WEATHERING (ASTM G23-75 Type D) 10-15% elastomeric property change after 1,000 hours. (Fed Spec. TT-5-00227E)

MIXING RATIO: 1:1 by volume. Mix 1 part A Base with 1 part B Hardener

BOND COHESION after WATER IMMERSION:
No Failure after 25% total movement

CURE TIME @ 75°F: Set hard: 8-10 hours;
Full cure 5-7 days

APPLICATION TEMPERATURE: 55°F - 120°F

APPLICATION: Pour, tool or caulking gun

COVERAGE (Theoretical): (2 gal. unit)
1/4" x 1" = 154 linear feet

MINIMUM JOINT DEPTH: 1"

MAXIMUM JOINT WIDTH: 3/4"

POT LIFE: 20 minutes @ 70°F

THINNING: None

CLEAN UP: S-74 or SA-17

PACKAGING: 2 gal. units

V.O.C.: 0 GMS/L

PRODUCT USES

JOINT-GUARD™ CJ is designed for interior saw cut/control joints and cracks in concrete slabs on grade. Not recommended for expansion joints or exterior applications. Ideal for most type services in chemical processing plants, pulp and paper mills, sewage and waste treatment facilities, warehouses, fertilizer plants, petroleum refineries, electric generating stations, coal handling operations, marine installations, etc.

SURFACE PREPARATION

New concrete must be cured at least a minimum of 28 days before applying JOINT-GUARD™ CJ. All laitance, efflorescence, sealers, curing compounds, chemical contaminants, grease, oil, and other foreign material must be removed. The prepared surface must be clean, dry and structurally sound. High pressure water clean or dry abrasive blast may be necessary to clean existing joints.

MIXING INSTRUCTIONS

Best results are obtained if both Base and Hardener are stored at or above 75°F for 24 hours prior to mixing to insure normal viscosity.

JOINT-GUARD™ CJ is prepared by mixing 1 part Base (Part A) to 1 part Hardener (Part B) by volume with a slow speed explosion proof drill with a Jiffy mixer for approximately 2-3 minutes.

APPLICATION PROCEDURE

The minimum depth of the joint should be 1". The maximum width should be 3/4". Backer rod is not recommended. JOINT-GUARD™ CJ is a full depth joint filler.

For joints wider than 3/4" use Treflite™ Epoxy Mortar. Apply and pack into entire joint. Allow to cure for 24 hours then saw cut down the middle to create the new joint.

JOINT-GUARD™ CJ may be applied by pouring, tooling or with a caulking gun. Two passes may be required as pourable materials have a tendency to dish out. The filled joint must be flush with the floor. JOINT-GUARD™ CJ is designed for saw cut/control joints. Do not use on expansion joints.

SHELF LIFE

The shelf life of JOINT-GUARD™ CJ is in excess of 12 months when stored at 50°- 90°F or below.

CAUTIONS

JOINT-GUARD™ CJ is not a fire hazard; the flash point is above 200°F. However, under conditions of fire it will burn and release potentially toxic fumes. The Base portion is relatively inert physiologically. The Hardener portion contains amines and related materials. These can cause irritations and possibly chemical burns to the skin and eyes. This is also true for mixtures of Base and Hardener. Wear safety glasses, gloves, and protective clothing when using JOINT-GUARD™ CJ. In case of eye contact, flush with water for at least 15 minutes. For skin contact, wash with soap and warm water. Clean contaminated clothing before reuse. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

**SEE SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN. NOT FOR RESIDENTIAL USE**

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