

POLYURETHANE CONCRETE CRACK SEALANT

PRODUCT NO. 8620-17

DIVISIONS 3 & 7

Maintenance of Concrete
03 01 00
Joint Sealant
07 92 00

PRODUCT DESCRIPTION

QUIKRETE® Concrete Crack Sealant is a textured one-component, fast-curing, flexible material providing a durable elastic bond.

PRODUCT USE

QUIKRETE® Concrete Crack Sealant is suitable for interior and exterior concrete crack applications. QUIKRETE® Concrete Crack Sealant Adhesive has excellent adhesion to concrete, masonry, stucco, pre-painted metal, glass, plywood, aluminum, steel and many plastics and composites.

SIZES

QUIKRETE® Concrete Crack Sealant is available in 10.1 oz (300 ml) tubes

YIELD

Each 10.1 oz (300 ml) tube can be applied to approximately 12 lineal feet (3.7 m) in a 3/8" (10 mm) bead

TECHNICAL DATA

QUIKRETE® Concrete Crack Sealant meets ASTM C 920, Type S, Grade P, Class 25, Use T, M, G, A, O; Federal Specification TT-S-00230C, Type I, Class A; CSA CAN/CGSB 19.13-M87. Meets California Air Resources Board 2008 requirements for volatile organic compound (VOC) content.

QUIKRETE® Concrete Crack Sealant, when tested in accordance with standard procedures, provides typical results as listed in Table 1.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

Tack-Free Time at 75°F (24°C), 50% RH	2 hours
Cure Time at 68°F (20°C), 50% RH	> 1/8" (3 mm) per 24 hours
Durometer Hardness, Shore A	50
Ultimate Tensile Strength	200 psi (1.4 MPa)
Elongation	>700%
Modulus @ 100% Elongation	100 psi (0.7 MPa)
Sag or Slump	Nil

INSTALLATION

NOTE: It is recommended that gloves be worn during application. QUIKRETE® Concrete Crack Sealant is difficult to remove from skin and clothing. If adhesive gets on skin, immediately wipe off with a dry cloth.



APPLICATION

Remove dirt, oil, moisture and/or old adhesive. Sand or grind if necessary to expose a sound surface. Cut plastic tip to desired size and puncture airtight seal at base of tip. Using a caulk gun, apply caulking to one of the surfaces to be bonded. Force sealant into gaps or cracks and smooth bead to desired shape. Be certain to fill all gaps when working on rough surfaces. QUIKRETE® Concrete Crack Sealant will bridge gaps up to 3/8" (10 mm) wide. It may be necessary to use mechanical fasteners to hold the surfaces in place until the adhesive is fully cured.

CLEANING

Tools and excess adhesive should be cleaned while product is still uncured, using a commercial solvent such as xylene or toluene. Wear appropriate gloves when handling solvents. Cured adhesive must be removed by mechanical means such as a razor knife.

CURING

QUIKRETE® Concrete Crack Sealant will be tack-free in 2 hours at 75°F (24°C) and 50% relative humidity, and fully cured in 5-8 days. Low humidity, cooler temperatures and non-porous substrates will lengthen these times. Allow sealant to cure for 72 hours prior to painting or exposing to traffic. Allow 7 days of curing prior to temporary water immersion.

PRECAUTIONS

Apply between 40-95°F (5-35°C). Service temperature (after placing) -40°F to 195°F (4°C- 91°C). Wear gloves. Read MSDS @ www.quikrete.com

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE®

Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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