

CORCHEM® 402 EPOXY FOR AIRPORT LIGHTING CANS

GENERAL	<p>C402 is an advanced proprietary technology diglycidyl ether of bisphenol-A resin that is reacted with a unique modified multiple ring cycloaliphatic amine adduct activator. The polymer structure is designed to be extremely tough with increased elevated temperature and chemical resistance. It is reinforced with a select blend of angular aggregates. An epoxy binder combined with special aggregates to produce a high strength, very adhesive, fast set, moisture tolerant, extremely tough grout. CORCHEM® 402 meets the FAA-P606 requirements for bonding in-pavement airfield light fixture bases into concrete pavement, taxiways and landing zones.</p> <p>The ratio of epoxy to aggregate can be adjusted to decrease or increase the viscosity for placement of the grout. Choices of summer or winter formulations are available to match environmental application conditions.</p>
USE	<p>Superior grout for anchoring airport light cans into pavement that is fast setting where minimal down time is required.</p>
COLORS / FINISH	<p>Amber [will take on the color of aggregate] / Finish will vary in accordance to aggregate ratio.</p>
VOLUME SOLIDS	<p>100%</p>
GROUT VOLUME COVERAGE	<p>1 cubic foot requires approximately: 1:1 ratio – 4.7 gallons of mixed epoxy & 47 pounds of aggregate. 1:2 ratio – 3.4 gallons of mixed epoxy & 68 pounds of aggregate. 1:3 ratio – 2.7 gallons of mixed epoxy & 80 pounds of aggregate.</p>
DRY FILM THICKNESS	<p>Not Applicable</p>
COMPONENTS	<p>Three. By volume: 2 to 1 [Component A : Component B] plus Aggregate.</p>
POT LIFE	<p>At 70°F Winter Formula – ½ hour & Summer Formula – 1 hour. Pot life is <u>significantly shorter for higher temperatures or larger quantities</u> and longer for lower temperatures or smaller quantities.</p>
VOC CONTENT	<p>0 gms/l or 0.0 lbs/gal. Conforms to United States National Volatile Organic Compound Emission Standards.</p>
THINNER	<p>None</p>
APPLICATION METHODS	<p>Pour</p>
TEMPERATURES	<p>Apply at 35°F or higher [Material and Substrate].</p>
CURING TIME	<p>Curing times are significantly shorter for higher temperatures or larger quantities and longer for lower temperatures or smaller quantities..</p>
PACKAGING	<p>15-gallon Kit [3 – 5 gallon pails] and 150-gallon Kit [3 – 50 gallon drums] in pre-measured packaged kits. (packaged multiple of three)</p>
SHELF LIFE	<p>One year from shipment date protected between 40°F and 100°F in its original sealed container.</p>

PUBLISHED PRODUCT INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. [C402-2-PB-07292013]
CONTACT YOUR CORCHEM® REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

