

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.</p>
USE	<p>Superior grout for anchoring airport light cans into concrete 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>1 hour at 70°F. 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-02272024]
CONTACT YOUR CORCHEM® REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

