



EUCO EPOXY CARTRIDGES™

STRUCTURAL ANCHORING AND BONDING ADHESIVES

material description

structural anchoring and bonding adhesives

The Euclid Chemical Company's Epoxy Cartridges are among the easiest-to-use and most effective in the industry. Whether you spec EUCO #452 Cartridge MV (Medium Viscosity), EUCO #452 or #620 Cartridge GEL you can count on a super high strength, high modulus, moisture-insensitive bond that's faster and easier to achieve than with any troweling paste on the market. Convenient cartridge packaging eliminates the need for hand-mixing large units of material - with cartridges, use only what is needed and save the remaining for later work.

Best of all, with EUCO EPOXY CARTRIDGES, there's no need to buy expensive nozzles or dispensers. All flow smoothly and easily with standard dispensing/caulking guns.



Use **EUCO EPOXY CARTRIDGES** to make a quick, sure set for any structural steel.



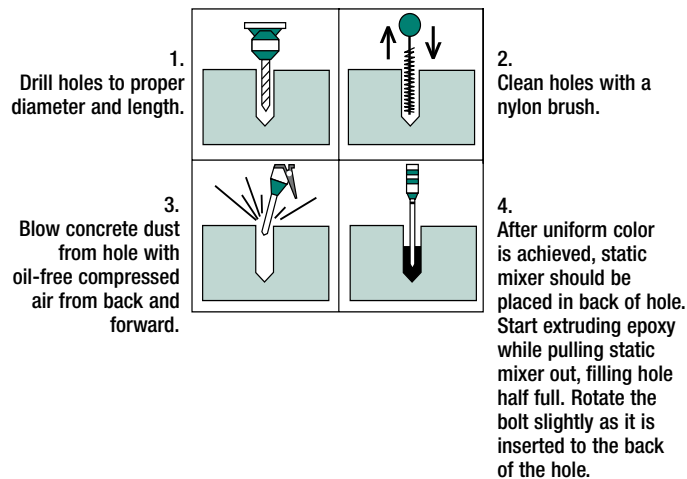
Portable and easy to use, **EUCO EPOXY CARTRIDGES** make quick work of concrete crack repair.



- ◆ structural anchoring & bonding ◆ high-strength repair ◆
- ◆ crack and void filling ◆ mating irregular surfaces ◆

Use EUCO EPOXY CARTRIDGES to bond fresh concrete to hardened concrete. Or to bond concrete, masonry, steel, ceramic or wood. Use them, too for anchoring bolts, dowels and pins into concrete or masonry. EUCO EPOXY will even seal around epoxy injection ports.

Anchoring with EUCO EPOXY



EUCO EPOXY ADHESIVES are tested rigorously for strength and durability. Many applications are tested to ASTM and other international standards.



physical properties / certifications / packaging

EUCO EPOXY CARTRIDGES™ STRUCTURAL ANCHORING AND BONDING ADHESIVES

- ◆ Super high strength, high modulus
- ◆ Moisture insensitive before, during and after cure
- ◆ Excellent adhesion to most structural materials
- ◆ Easy to use cartridge requires no mixing by hand
- ◆ 100% solids — 100% solvent free
- ◆ Static mixer supplied with each cartridge
- ◆ Approvals: USDA, ICBO, ASTM C-881
(see individual technical data sheets for details)



◆ **EUCO #452 CARTRIDGE MV**

This medium viscosity adhesive offers exceptional flow for easy filling of horizontal cracks and dispenses easily even in colder weather (to 40°F). One 600 ml (300 ml x 300 ml, side by side) cartridge yields 20 fluid ounces or 37 in³ of epoxy.

◆ **EUCO #452 CARTRIDGE GEL**

This thick viscosity gel is ideal for vertical and overhead application, but can also be used for horizontal application when a thicker adhesive is desired. One 600 ml (300 ml x 300 ml, side by side) cartridge yields 20 fluid ounces or 37 in³ of epoxy.

◆ **EUCO #620 CARTRIDGE GEL**

This thick viscosity gel offers all the benefits of EUCO #452 Cartridge GEL, but with an even faster set/cure time. It develops a high early strength in any application, and won't drip or run in vertical and overhead anchoring and bonding applications. One 600 ml (300 ml x 300 ml, side by side) cartridge yields 20 fluid ounces or 37 in³ of epoxy.

Typical Physical Properties	EUCO #452 Cartridge MV	EUCO #452 Cartridge GEL	EUCO #620 Cartridge GEL
Shear Bond Strength (ASTM C-882)	3000 psi	2500 psi	3100 psi
Compressive Strength (ASTM D-695)	10,200 psi	11,200 psi	10,900 psi
Gel Time	30 minutes	35 minutes	8 minutes
Minimum Cure Time*	12 hours	12 hours	2.5 hours
Shelf Life	1 year	2 years	2 years

*Minimum cure time is the minimum time required before the designed load may be applied.

Contact your Euclid Chemical Representative or call 800-321-7628 for more detailed technical specifications and engineering data.

The Euclid Chemical Company, founded in 1910, is today a worldwide supplier of quality products and services for the concrete and masonry industry. We provide complete specification assistance and laboratory support as well as on-site service for guidance and proper product usage.



The Euclid Chemical Company

19218 Redwood Road ◆ Cleveland, Ohio 44110
Toll-free: [800] 321-7628 ◆ Fax: [216] 531-9596
www.euclidchemical.com



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