



Delta Polymers, Inc.
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CRC 222

Epoxy Liquid Binder Fast Setting / Low Temperature

Description:

CRC 222 is a two component, 100% solids Superbond® epoxy system. It is a high modulus, moisture insensitive and low temperature (30°F) curing system. It is used as a coating, resurfacing or repair in areas where low down time is required. At 30°F - 35°F it will yield a hard, dense, abrasion resistant surface. Above 65°F a CRC 222 treated surface can be opened up to traffic in as little time as three hours.

Uses:

Patching · Chemical Resistant Flooring · Rapid Setting Floor Resurfacing or Coating · Structural Bonding.

Features:

Low Temperature Curing 30°F · High Early Strength · High Modulus · Waterproof · Moisture Insensitive

Properties:

| | | |
|----------------------------------|-----------------|------------|
| Mixing Ratio (Base:Hardener) | 2:1 | |
| Pot Life Minutes | 15 | |
| Cure Time Hours | 2 | |
| Cure Time Mortar Hours | 3 | |
| Tensile Strength (Neat) PSI | 5000 | |
| Tensile Elongation % | 1-2 | |
| Tensile Modulus PSI | 400,000 | |
| Tensile Strength (Mortar) | 2140 | ASTMC-307 |
| Compressive Strength (Neat) PSI | 10,500 | |
| Compressive Strength (Mortar)PSI | 11,500 | |
| Compressive Modulus PSI | 250,000-400,000 | |
| Flexural Strength PSI | 4500 | |
| Hardness Shore D | 85-90 | |
| Abrasion Resistance | 0.19 gm. Max. | ASTMD-1044 |
| Colors | Various Colors. | |

Chemical Resistance:

Resistant to mild mineral acids, alkalis, detergents, solvents, salts, hydraulic fluids, lubricating oils etc.

Surface preparation:

Surface should be sound, clean, free of oil, grease, detergents, dust, loose paint and sealants. Areas may be dry or wet but free of standing water. Use conventional methods acid etching but mechanical scarification is the best and preferred.

Mixing:

Mix two part Base to one part Hardener by Volume. Mix thoroughly by scraping sides and bottom.

Applications:

As soon as it is mixed thoroughly pour it on the floor right away in lines. Use brush or long hand roller to spread evenly. It is self leveling.

Mortar:

To every mixed gallon of epoxy add four parts of sand (flint shot). Mix thoroughly and apply with trowel. Special blend of sands are available.

Cleaning:

Clean your tools with xylol, mineral spirits or paint thinner. Cured CRC 222 can be removed mechanically.

Non-Warranty

This product is made under strict quality control procedures of Delta Polymers, Inc. No guarantee is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability if any is limited to replacement of products which are defective in manufacture. No other warranty or guarantee of any kind is made by the seller, express or implied, statutory by operation or law or otherwise, including merchantability and fitness for a particular purpose.

Caution

Avoid contact with eyes and prolonged contact with skin. In case of eye contact, flush with plenty of water for at least 15 minutes and seek medical attention. For skin, wash with soap and water. Keep away from children. For details see product data sheet and MSDS.

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