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## **CRC 211 PS**

### **Epoxy Binder and Bonding Compound**

#### **DESCRIPTION:**

**CRC 211 PS** is a two-component, 100% solids Superbond® epoxy / polysulfide compound used primarily as binder for sand or coarse aggregate when patching or resurfacing horizontal concrete surfaces. It can also be used for bonding new to old concrete.

CRC 211 PS conforms with Federal Specification MMM-B 00350B, New York State D.O.T. Specification for Item 721-02 (formerly Item M29B), and AASHTO M236-73, Class II.

#### **USES:**

PATCHING of spalled or scaled concrete areas on bridge deck, roadways, floors, and sidewalks.

GROUTING of non-moving cracks, anchor bolts and dowels.

RESURFACING of pavements or floors.

BONDING new to old concrete.

CRC 211 PS should be used at ambient temperatures above 50°F. For Federal projects use either Type I or Type II. For AASHTO projects, use CRC 211 PS Gray Type II.

#### **PROPERTIES @ 75°F**

##### **COLOR:**

Part A	Amber
Part B	Brownish
MIXING RATIO (part A:B) by volume	2:1
POT LIFE, one gallon, mins.	40
INITIAL CURE, hrs.	24
FINAL CURE, days	7
<b>VEHICLE</b>	
(CRC 211 PS without sand)	
Compressive Shear, psi	
(Double Strength), min.	400
Beam Break, test, lbs., min.	800
<b>MORTAR</b>	
(CRC 211 PS and 4 parts of sand)	
Tensile Strength, psi	800
Compressive Strength, psi	8,000

**SURFACE PREPARATION:**

Remove dirt, loose particles, and weak sections. Asphalt and oil contaminants should be removed with a detergent, followed by thorough rinsing.

After that, surface should either be treated with 10-15% hydrochloric acid and thoroughly rinsed or sandblasted and vacuumed.

**MIXING:**

Combine Part A, Base, with Part B, Hardener, 2:1 by volume. Add 3-4 parts by volume of dry aggregate. Mix thoroughly with a drill equipped with "Jiffy" mixer. Large quantities may be mixed in pug type mixer.

AGGREGATE: Ottawa Flintshot Sand A coarser aggregate can be used depending upon depth of patching.

**APPLICATION:**

Apply with trowel at ambient temperatures above 50°F. At lower temperatures use CRC 211 PS, Type II.

For bonding new to old concrete apply CRC 211 PS with brush roller or spray.

COVERAGE: Mortar: One gallon CRC 211 PS mixed with 4 loose gallons of sand produces about 2 cubic foot of mortar.

BONDING COMPOUND: 50-100 square feet per gallon depending on surface condition. Minimum thickness required is 10 mils.

**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.