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CRC 603

Epoxy Coal Tar Binder, Overlay & Waterproofing Membrane

Description:

CRC 603 is a 100% solids Superbond® coal tar modified epoxy system. Due to its relatively low viscosity, it is easy to apply and spread, demonstrating excellent bond and sealing characteristics on concrete, steel and wood. It has permanent moderate degree of flexibility. CRC 603 conforms with N.Y.S. D.O.T. specifications for item 717.02.

Advantages:

Economical
 Waterproof

Flexible
 Chemical Resistant

Uses:

Waterproofing membrane
 Roadways
 Floors

Bridge overlays
 Parking garages

Adhesive to join wood, masonry, metal, glass & other substrates.

Properties:

Viscosity	Part A @75°F CPS	1,000-2,000	
Viscosity	Part B @75°F CPS	500-800	
Color of part A		Amber	
Color of part B		Black	
Mix ratio by volume		1 : 1	
Pot life, minutes @ 75°F		25-30	
Initial cure, hours		3-4	
Final cure, days		5-7	
Shore D. hardness @ 75°F		45-52	ASTMD-2240
Tensile strength PSI		800-1200	ASTMD-638
Tensile elongation %		50-80	ASTMD-638
Curing temperature limits		40°F & up	

Surface preparation:

Concrete:

Concrete should be structurally sound, free of dust, dirt, loose paint. All concrete surfaces should be blast tracked or scarified for the best results. New concrete should be etched with a dilute solution of muriatic acid and then rinsed with fresh water 2 or 3 times. Allow to dry and then apply CRC 603.

Steel:

Steel surface should be free of dirt, dust, grease, oil or paint. The best results are achieved by sand blasting the steel with profiles on the surface.

Application:

Membrane or skid proofing: Use rollers or spray equipment. Apply CRC 603 at the rate of 100 ft²./gallon.

For non skid surfaces broadcast flint shot, emery, Aluminum Oxide or bay salt at the rate of 1 pound/ft². Allow to cure. Remove the excess aggregates and repeat the process, if necessary, depending upon final thickness required. Seal the surface with the same material at the rate of 100-125 ft²./gallon.

Patching & Repair:

Clean out the holes mechanically. Prime the areas with mixed material. Make a mortar by mixing 1 part of mixed epoxy with 3 to 5 parts of sand or flint shot. Apply with a trowel.

Cleaning:

All tools can be cleaned with Toluol or Xylene while CRC 603 is wet, soft and uncured.

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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