



DESCRIPTION: PPC Coatings Polymorphic Polymers are rapid curing, highly modified thermoset resins. PPC can be applied at a wide range of temperatures to concrete, steel, FRP and wood. PPC Coatings have excellent adhesion properties, and are resistant to abrasion, impact and a wide range of chemicals.

USES: Where concrete, steel, FRP, or wood need to be protected from acids, alkalies, U.V. and abrasion.

Characteristic	QC-RESIN	PRIME COAT <i>Same as QC Resin</i>	IC-Q-LINING COAT	FINAL COAT
VISCOSITY:	Standard resins: 400 - 600 CPS	Standard resins: 400 - 600 CPS	Standard resins: 1200 - 1600 CPS	Standard resins: 400 - 600 CPS
SOLIDS:	100%	100%	100%	100%
VOC:	10 grams/liter	10 grams/liter	10 grams/liter	10 grams/liter
UV:	Totally stable with no chalking or fading for many years			
COLORS:	FINAL COAT only – Standard – gray / white other upon request			
THICKNESS:	Unlimited from Dry film of 6 mils to feet			
RECOAT TIME:	Moments to years with no surface preparation except having a clean surface			
REPAIR:	No time windows, no surface preparation except having a clean surface / see technical data			
TEMPERATURE FOR APPLICATION:	Surface temperature (-) negative 40 °F to 160 °F without external heat			
APPLICATION METHODS:	Brush, roll, spray, trowel	Brush, roll, spray, trowel	Brush, roll, spray, trowel	Brush, roll, spray, trowel
COMPONENTS:	Two (2)	Two (2)	Two (2)	Two (2)
POT LIFE:	Up to 30 minutes			
CURE TIME:	Minutes to one (1) hours			
PACKAGING:	Five (5) gallon pail			
THINNER:	N/A	Up to 8% Styrene by Volume or Weight	QC Resin	QC Resin
CLEAN-UP:	Styrene is the recommended solvent or consult PPC technician			
MIXING:	Usually JIFFY mixers or appropriate size of five gallon bucket mixers. For specifics, contact PPC technical advisors			
SHELF LIFE:	One (1) year. Store at 40 °F to 70 °F			

DOT/FLASH POINT:	Flammable Liquid Classification
PERFORMANCE DATA:	Check with PPC Technical Advisors
SURFACE PREPARATION:	CONCRETE: clean, dry exposed aggregate course profile METALS: SSPC-5; 2.5 - 4.0 mil profile FRP: abrade surface to clean dry condition; remove gel coat WOOD: clean, dry surface
<u>APPLICATION METHODS:</u>	
BRUSH:	Natural bristle
ROLLER:	¼ to ½ inch nap natural with phenolic core
AIRLESS SPRAY:	Binks or equal. Pump ratio 30:1 or higher having 3.0 GPM with tip orifice .025 - .062 depending on viscosity of resin. Pump to have Teflon seals. 3/8" or larger high pressure material line. Air supply capable of maintaining 100 psi continuously at the pump. Dual component system is recommended. Single component system. Contact PPC Technical Advisors.
CONVENTIONAL SPRAY:	Technical Advisors.
TROWELLING:	Contact PPC Technical Advisors
PUMPING:	Steel, concrete trowels Contact PPC Technical Advisors
CLOSED AREAS:	Use explosion-proof electrical equipment or air tools. Ground all structures and equipment. Use procedures which prevent static electrical sparks. Wear vapor resistant clothing which meets NIOSH/MSHA or equal. Air supply line will be connected to a proper clean air source. Helmet or full mask will be properly fitted and meet all safety requirements. Ventilation Required
SAFETY:	Approved Respirator, sufficient ventilation, all in accordance with local, state and federal requirements.
CLOTHING:	Wear protective garments, goggles or safety glasses where appropriate and respirators when needed.
MANUFACTURER:	PPC Coatings, (MTR Inc)

DISCLAIMER OF WARRANTIES: Although buyer is purchasing this product "AS IS" and "WITH ALL FAULTS", products which are defective in workmanship or material and which are not more than 90 days old from date of purchase, will be repaired or replaced at no charge to the buyer, upon proper proof of purchase, PPC Coatings (MTR Inc) obligation hereunder shall be limited solely to repair and replacement of goods that fall within the foregoing limitations, and shall be conditioned upon PPC's receipt of written notice of any alleged defect or deficiency promptly after its discovery. PPC MAKES NO WARRANTY AS TO FITNESS OF ITS PRODUCT FOR SPECIFIC APPLICATIONS BY THE BUYER THEREOF, NOT AS TO PERIOD OF SERVICE unless PPC specifically otherwise agrees in writing after the proposed usage has been made known to it. Under no circumstances shall PPC be liable for any consequential or incidental damages related to personal injury or wrongful death on product. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results or any use. THE FOREGOING LIMITATION OF DAMAGES AND WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, BUYER ACKNOWLEDGES THAT ALL CLAIMS FOR DAMAGES AND WARRANTIES IMPLIED BY THE COMMON LAW OR UNIFORM COMMERCIAL CODE ARE EXPRESSLY EXCLUDE FROM THIS SALE. THERE IS NO WARRANTY AS TO THE ADEQUACY OF WARNING CONCERNING THE HANDLING OR USE OF SUCH PRODUCT OR ANY OTHER MATTER RELATING TO IT, AND ALL WARRANTIES EXPRESSED OR IMPLIED, ARE EXCLUDED FOR INDUSTRIAL USE ONLY. Technical and application information provided herein for the purpose of establishing a general profile of the coating, and proper coating application procedures. Test performance results were obtained in a controlled environment and PPC makes non claim that these tests or any other tests accurately represent all environments. As application, environment and designs factors can vary significantly, due care should be exercised in the selection and use of the coating. PPC disclaims responsibility for results of use of this information. It is furnished without warranty, representation, inducement or license of any kind. It is accurate to the best of PPC's knowledge or obtained from sources believed by PPC To be accurate, and PPC Does not assume any legal responsibility for use or reliance upon same. Customers should conduct their own tests, as it is user's responsibility to be guided by such tests in determining suitability of any such product, method or apparatus for his purpose.

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