



**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 and wood require protection from a wide range of chemicals, to include acids and alkalis, UV and mechanical abrasion.

Characteristic	QC-RESIN	PRIME COAT Same as QC Resin	IC-Q-LINING COAT Same as PPC Grout	FINAL COAT Same as QC Resin
VICOSITY	Standard resins: 400 - 2000 CPS	Standard resins: 400 - 2000 CPS	Standard resins: 1200 - 2000 CPS	Standard resins: 400 - 2000 CPS
SOLIDS:	100%	100%	100%	100%
VOC;	<10 grams/liter	<10 grams/liter	<10 grams/liter	<10 grams/liter
UV:	stable with no chalking or fading			
COLORS:	Standard – gray / white, other colors upon request			
THICKNESS:	Unlimited - from Dry film of 6 mils up			
RECOAT TIME:	No Application Window – Apply To Clean Dry Surface			
REPAIR:	No application time windows – apply to clean dry surface / see technical data			
APPLICATION TEMPERATURE	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 Hours			
PACKAGING:	Standard - Five (5) gallon pail – other, upon request			
THINNER:	Low CPS QC Resin 8% Styrene By Volume	Low CPS QC Resin 8% Styrene By Volume	Low CPS QC Resin	Low CPS QC Resin 8% Styrene By Volume
CLEAN-UP:	Styrene is the recommended solvent or consult PPC technician			
MIXING:	Jiffy mixer or appropriate bucket or drum mixers. For specifics, contact PPC technical advisors			
SHELF LIFE:	6 Months (6). Store below 70°F.in cool, dry shaded and sheltered dry area, out of direct sunlight			



**DOT/FLASH POINT:** Flammable Liquid Classification  
**DOT CLASSIFICATION:** UN1866 , RESIN SOLUTION ; Flammable 3 ; PG 3 ; Freight Class 55 ; NMFC 46030 ; Schedule B: 3907.91.000  
**SURFACE PREPARATION:** CONCRETE: clean, dry exposed aggregate, course profile, no less than ICRI-CSP 5-6 or a #40 Sand Paper profile.  
METALS: SSPC-5; 2.5 - 4.0 mil profile  
FRP: abrade surface to clean dry condition; remove gel coat  
WOOD: clean, dry surface.

**APPLICATION METHODS:**

**BRUSH:** Natural bristle  
**ROLLER:** ¼ to ½ inch nap natural with phenolic core.  
**AIRLESS SPRAY:** 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 Slave Pump system. Contact PPC Technical Advisors.  
**TROWEL:** Steel, concrete trowels. Contact PPC Technical Advisors.

**ELECTRICAL:** 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 OSHA,NIOSH/MSHA or equal requirements. Air supply line will be connected to a proper clean air source. Helmet or full mask will be properly fitted and meet all specified safety requirements. Eye protection required. Ventilation Required.  
**CLOSED AREAS:**  
**SAFETY CLOTHING:**  
**VENTILATION:**  
**RESPIRATORS:** Approved respirator, sufficient ventilation, protective garments, eye protection, all safety measures, and application procedures, to comply with project, local, state and federal requirements. Read and comply with PPC Coatings SDS

**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.

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