



**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:	<b>FINAL COAT only</b> – 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. <b>For specifics, contact PPC technical advisors</b>			
SHELF LIFE:	One (1) year. Store at 40 °F to 70 °F			

<b>DOT/FLASH POINT:</b>	Flammable Liquid Classification
<b>PERFORMANCE DATA:</b>	Check with PPC Technical Advisors
<b>SURFACE PREPARATION:</b>	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
<b><u>APPLICATION METHODS:</u></b>	
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)

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