

PRODUCT DESCRIPTION

MetallicFX 1111 is a 100% solids, three-component Acrylic Monomer Modified Epoxy polymer designed to exhibit excellent adhesion and sealing properties on steel or concrete. The addition of acrylic monomer yields increased UV stability without the strong odor associated with MMA acrylic monomer flooring.

APPLICATION DATA SUMMARY

See Application Instructions for complete information on surface preparation, equipment, environmental conditions, application procedures, and safety precautions. For conditions outside the specifications or limitations described, contact Wolverine Coatings Corporation for details.

SURFACE PREPARATION

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, dry, undamaged, and free of all contaminants. For more specific information, consult the surface preparation section contained in the Application instructions.

SAFETY PRECAUTIONS

Read the Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion. For further information, please refer to our "Epoxy Resin Safety Handling Guide".

APPLICATION DATA

Substrate:	Blasted Concrete, Steel
Surface Preparation	
Steel	AMPP SSPC-SP5/NACE No. 1
Concrete	AMPP SSPC-PS13/NACE No. 6
* All surfaces should be cured, clean, dry, and free from contamination. For additional information regarding surface preparation specifications and techniques, please contact our technical services department.	

Application Method:	Roller or brush
Gel Time:	50 minutes (125g @77°F / 50% RH)
Induction Period:	None
Mixing: MetallicFX 1111 is packaged in pre-measured containers consisting of Resin Part A and Hardener Part B which must be mixed together before use.	
Mix Ratio 1 Part "A" to 1 Part "B" (By Volume)	

Environmental conditions	
Temperature Range:	50-120°F
Max Relative Humidity:	80%
Surface Temperature:	50-120°F

APPLICATION DATA (CONTINUED)

Curing Time (@ 50% RH)			
	90°F	77°F	55°F
Tack Free	6 Hours	8 Hours	24-36 Hours
Overcoat	20-24 Hours	20-24 Hours	48-72 Hours
Through	>48 Hours	>48 Hours	7 Days
Max Chemical resistance		4 – 7 days	
Thinner		None	
Equipment Cleaner		MEK	

PHYSICAL DATA

Finish:	High Gloss
Color:	Clear
Components:	Three
Curing Mechanism:	Chemical reaction
Volume Solids:	100%
Dry Film Thickness:	5 mils (clearcoat) to ½"
Total Coats:	1 or more
Elongation:	>56%
Hardness:	55 Shore D
Impact Resistance:	Blot (>88 ft/lbs.
Abrasion Resistance (taber):	56 mg
Bond Strength (concrete):	Beyond limits of concrete
Bond Strength (steel):	1,000 psi