

PREMIER PROTAL 7200

DESCRIPTION	Premier Protal 7200 is a VOC free, 100% solids epoxy coating specially formulated to compliment FBE coated pipe. It is a high build liquid coating that brush or spray applied in one coat in the field or shop. It cures very fast to allow quick handling and backfill times.
USES	On-site protection of girth welds, tie-ins, welds for boring applications, repairs to FBE, push-rack applications, station piping, fittings and fabrication. Also used for main line pipe coating, sacrificial coating for directional drill and road bore pipe, and rehabilitation of existing pipelines.
FEATURES	<ul style="list-style-type: none">- Fast touch dry and set times- High temperature resistance (up to 185°F)- High build (up to 50 mils in one coat)- Excellent adhesion (compliments FBE coated pipe)- High abrasion resistance for drilling applications- Safe and environmentally friendly- Does not shield cathodic protection- Can be applied with brush, roller or spray- Available in a variety of packaging options
APPLICATION	<p>Brush: Prepare surfaces by grit blasting to a clean near white finish, SSPC-SP 10/NACE No. 2. Initially stir the base and hardener. Add the hardener to base and mix until a constant colour is achieved making sure all sides of container are scraped. Pour mixed material onto surface and brush, trowel or roll to required mil thickness. A wet film thickness gauge should be used to measure mil thickness. If surface temperature falls below 50°F (10°C), surface must be preheated to achieve cure. Preheat may be achieved with a propane torch or induction coil. Resin and hardener component shall be kept warm, at a minimum of 68°F (20°C), to mix easily.</p> <p>Spray: Prepare surfaces by grit blasting to a clean near white finish, SSPC-SP 10/NACE No. 2. The equipment should be a plural component airless spray unit with a proportioning pump capable of a volume mixing ration of 3:1. Standard ancillary equipment should include minimum 10 gallon hoppers, static mixers, whip hose, and mastic gun. (Applicator should consult with Premier regarding recommended equipment). A wet on wet spray technique should be used to achieve a minimum thickness of 20 mils. The coating thickness should be measured using a wet film thickness gauge.</p> <p>For complete application instructions see Protal 7200 application specification.</p>
STORAGE	Minimum 24 months when stored in original containers above 40°F (4°C). On job-site where temperatures are below 50°F (10°C) product should be kept warm to mix properly.
CLEANING	Clean equipment with xylene or approved solvent
HEALTH AND SAFETY	Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See material safety data sheet for further information.
PACKAGING	1.0 litre kits and 1.5 litre kits (packaged separately: 8 base per case and 16 hardeners per case). For spray applications, sold in 30 litre kits and 200 litre drums. Special kit sizes are available.



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PRODUCT DATA SHEET

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PREMIER PROTAL 7200 (cont'd)

TYPICAL PROPERTIES	DATA
Solids Content	100%
Base Component - unmixed @ 77°F (25°C)	
Specific Gravity	1.68
Viscosity	244,000 cps
Colour	White
Hardener - unmixed @ 77°F (25°C)	
Specific Gravity	1.04
Viscosity	5,500 cps
Colour	Dark Green
Mixed Material - mixed @ 77°F (25°C)	
Specific Gravity	1.53
Viscosity	170,000 cps
Colour	Green
Mixing Ratio (A/B) by Volume	3 parts Base: 1 part Hardener
Cure Times	
Pot Life @ 77°F (25°C)	14-17 minutes
Handling Time @ 77°F (25°C)	2-3 hours
Theoretical Coverage	14 ft ² /30 mils/litre
Thickness	
Minimum/Maximum	20/60 mils
Recommended	25-30 mils
Holiday Detection (Maximum)	2000 volts
Cathodic Disbondment Test (ASTM G95)	
28 days @ 77°F (25°C)	3mm
28 days @ 150°F (65°C)	4mm
28 days @ 175°F (80°C)	7mm
Hardness (Shore D)	85 +/-2
Impact Resistance	Excellent
Application and Service Temperature	-30°F (-34°C) to 185°F (85°C) <small>Note: If temperature falls below 32°F (0°C) surface should be preheated</small>
Glass Transition	185°F (85°C)

Note - the Typical Data shown in this leaflet is intended as a general guide and is based on tests carried out under controlled conditions. For further information on Product Specification consult Premier Coatings Ltd.