

RAPID 7200

Technical Data Sheet

Fast Cure, Low Temperature Pipeline Coating

PROPERTIES	VALUE
Percent Reactive	100%
Base Component - (Unmixed) @ 77°F (25°C)	
Specific Gravity	1.54
Viscosity	Thixotropic Liquid
Color	White
Hardener - (Unmixed) @ 77°F (25°C)	
Specific Gravity	1.48
Viscosity	Soft Paste
Color	Black
Mixed Material - (Mixed) @ 77°F (25°C)	
Specific Gravity	1.53
Viscosity	Thixotropic Liquid
Color	Light Gray
Mixing Ratio (A/B) by Volume	10 parts base:1 part hardener
Gel Time/Pot Life — 1.5 liter kit	
Material @ 68°F (20°C)	10 Minutes
Material @ 50°F (10°C)	18 Minutes
Material @ 32°F (0°C)	30 Minutes
Material @ 14°F (-10°C)	45 Minutes
Back Fill Times — Material @ 50°F (10°C)	
Ambient & Substrate Temp. @ 68°F (20°C)	20 - 30 Minutes
Ambient & Substrate Temp. @ 50°F (10°C)	45 - 60 Minutes
Ambient & Substrate Temp. @ 32°F (0°C)	2 Hours
Ambient & Substrate Temp. @ 14°F (-10°C)	3 - 4 Hours
Theoretical Coverage	14 ft ² (1.3 m ²)/liter at 25-30 mils (635 - 762 microns) DFT
Actual Coverage	10 ft ² (1.0 m ²)/liter at 25-30 mils (635 - 762 microns) DFT
Thickness - Weld Joints / FBE Repairs	
Minimum/Maximum	20/60 mils (508 - 1524 microns)
Recommended	25 - 30 mils (635 - 762 microns)
Thickness - Bore Pipe	
Minimum/Maximum	40/60 mils (1016 - 1524 microns)
Recommended	45 - 50 mils (1143 - 1270 microns)
Holiday Detection	Refer to NACE SPO188
Cathodic Disbondment 28 Days @ 68°F (20°C)	7.1 mm
Adhesion to Steel	2400 psi (16.5 MPa)
Hardness (ASTM 2240)	Shore D 70+
Gouge Resistance	3 Passes = 0 Fail @ 50 kg
Application Temperature (surface)	-4°F to 68°F (-20°C to 20°C)
Service Temperature	-40°F to 150°F (-40°C to 65°C)

STORAGE: 12 months when stored in original containers between 33°F and 80°F (0.5°C and 27°C).

CLEANING: Clean equipment with MEK or equivalent solvent cleaner.

HEALTH AND SAFETY: Spray or brush under well ventilated conditions. Wear suitable protective clothing and glasses. See material safety data sheet.

PACKAGING: 0.8 liter kits, 1.5 liter kits and 200 liter spray kits. 50 ml and 825 ml repair cartridges.

Dispensing guns and static mixing tips for repair cartridges sold separately.