

# RAPID 2800

## Technical Data Sheet

High Temperature Pipeline Coating

<b>PROPERTIES</b>	<b>VALUE</b>
<b>Solids Content</b>	100%
<b>Base Component — unmixed @ 77°F (25°C)</b>	
Specific Gravity	1.54
Viscosity	43,000 cps
Color	White
<b>Hardener — unmixed @ 77°F (25°C)</b>	
Specific Gravity	1.43
Viscosity	27,800 cps
Color	Black
<b>Mixed Material — mixed @ 77°F (25°C)</b>	
Specific Gravity	1.51
Viscosity	70,800 cps
Color	Gray
<b>Mixing Ratio (A/B) by Volume</b>	3 Parts Base: 1 Part Hardener
<b>Pot Life @ 77°F (25°C)</b>	30 minutes
<b>@ 97°F (36°C)</b>	15 minutes
<b>Theoretical Coverage</b>	14 ft <sup>2</sup> /30 mils/liter (1.3 m <sup>2</sup> /762 microns/liter)
<b>Actual Coverage</b>	8 - 10 sq. ft./liter (0.7 m <sup>2</sup> - 0.9 m <sup>2</sup> /liter)
<b>Thickness</b>	
Minimum/Maximum	25/60 mils (635/1524 microns)
<b>Holiday Detection</b>	Refer to NACE SPO188
<b>Cathodic Disbondment Test (ASTM G95)</b>	
28 Days @ 176°F (80°C)	5,25 mm
28 Days @ 250°F (120°C)	8,1 mm
28 Days @ 302°F (150°C)	8,8 mm
<b>Abrasion Resistance</b>	Excellent
<b>Adhesion to Steel</b>	3,030 psi (21 MPa)
<b>Continous Maximum Service Temperature</b>	250°F (121°C)
<b>Intermittent Maximum Service Temperature</b>	300°F (150°C)
<b>Hardness (ASTM 2240)</b>	Shore D min. 80+
<b>Initial Handling @ 77°F (25°C)</b>	4 to 6 hours
<b>Initial Handling @ 220°F (104°C)</b>	15 to 20 minutes

**STORAGE:** Minimum 24 months when stored in original containers between 40°F (4°C) and 100°F (38°C). On job-site where temperatures are below 68°F (20°C) product must be kept warm to mix properly.

**CLEANING:** Clean equipment with MEK or equivalent solvent cleaner.

**HEALTH AND SAFETY:** Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See material safety data sheets for further information.

**PACKAGING:** 1, 2, 75 and 800 liter kits