



Recommended Coating Systems

Service Category/ Application Procedure	Product Type	Surface Preparation	Product Name
NEW CONSTRUCTION			
Pipe Casings and Slick Bores (Sacrificial Coatings) – a sacrificial coating applied over the mill applied coating (typically FBE)	100% Solids Epoxy	SP 10 / NACE #2	Protal 7000 or Protal 7200
Weld Joints – area left uncoated at coating mill to facilitate welding of pipe joints	100% Solids Epoxy	SP 10 / NACE #2	Protal 7000 or Protal 7200
Fittings & Valves – all elbows, tees, valves or fittings that were not shop coated	100% Solids Epoxy	SP 10 / NACE #2	Protal 7000 or Protal 7200
RECOAT/REHABILITATION			
Pipe – pipe to be recoated in the field	100% Solids Epoxy	SP 10 / NACE #2	Protal 7000 or Protal 7200
Pipe – pipe to be recoated in the field where grit blasting is not possible	Petrolatum Tape System	SP 2-3	Denso Paste and Densyl Tape *Also, Denso approved outerwrap, if necessary.
Soil/Air Interface – portion of pipe from 1 to 2 feet below ground to 1 to 2 feet above ground	Petrolatum Tape System	SP 2-3	Denso Paste, Densyl Tape, and Denso Glass Outerwrap
Flanges, Valves – all irregular areas where grit blasting and/or liquid coating is not practical or possible	Petrolatum Tape System	SP 2-3	Denso Paste, Denso Profiling Mastic (or Densyl Mastic Blankets) & Densyl Tape. *Also, Denso approved outerwrap, if necessary.
OTHER APPLICATIONS			
Sweaty and/or Wet Pipe – repair to existing pipe/coatings where atmospheric or operating conditions cause the pipe to be wet	Petrolatum Tape System	SP 2-3	Denso Paste S-105 and Densyl Tape *Also, Denso approved outerwrap, if necessary.
Holiday or Test Lead Repair – repairs to holidays on FBE or 100% Solids Epoxy Vinyl Ester	100% Solids Epoxy Vinyl Ester	SP 10 (w/ 80 grit sandpaper)	Protal 700, Protal 7200 or Protal 7125 (for surface temperatures below 70°F)
Offshore/Splashzone – coating system to be applied underwater	Petrolatum Tape System	SP 2-3	SeaShield Series 2000HD System or Series 100 System
Low Temperature Pipe – coating for buried pipe where temperatures during application range from -4°F to 68°F	100% Solids Vinyl Ester	SP 10 / NACE #2	Protal 7125
High Temperature Pipe – coating for buried pipe where temperatures operate from above 185°F to 250°F	100% Solids Epoxy	SP 10 / NACE #2	Protal 7900
High Temperature Pipe – coating for pipe recoat where temperatures operate from above 150°F to 230°F where grit blasting is not possible	Petrolatum Tape System	SP 2-3	Denso Hotline Tape and Denso approved outerwrap
Above Ground Pipe – coating for above pipe where grit blasting is not possible or practical	Petrolatum Tape System or Liquid Epoxy	SP 2-3	Denso Paste and Densyl Tape or Protal ST Epoxy Mastic

Please refer to Product Data Sheets and Application Specifications for detailed information.