

## PREMIER PROTAL 7125

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|----------------------------|--|
| <b>DESCRIPTION</b>         | Premier Protal 7125 is specifically formulated to be applied to colder substrates at colder ambient temperatures. It is a high build liquid coating that is hand applied in one coat to many areas of in-service pipelines or during pipeline construction in the field or shop. It cures fast to allow quick handling and backfilling even down to -4°F (-20°C). Protal 7125 is intended for use where a quick cure is required at lower substrate and/or ambient conditions such as during winter applications or on colder operating temperature pipelines. It will also cure after being submersed in water.   |
| <b>USES</b>                | Used as a rehabilitation coating for existing low temperature in-service operating pipelines, station piping, girth welds, tie-ins, push rack (laybarge applications), abrasion resistant coating for boring applications, repairs to FBE, fittings and fabrication. It may also be used for new construction where colder temperatures exist and preheating or post heating is not practical or feasible.   |
| <b>FEATURES</b>            | <ul style="list-style-type: none"><li>- Cold temperature application down to -4°F (-20°C)</li><li>- Will not freeze</li><li>- Fast cure, fast initial set</li><li>- Will cure when submersed in water</li><li>- High build (in one coat)</li><li>- Excellent adhesion (compliments FBE coated pipe)</li><li>- High abrasion resistance for drilling applications</li><li>- Does not shield cathodic protection</li><li>- Repair cartridges available</li></ul>   |
| <b>APPLICATION</b>         | <p>Prepare surfaces by grit blasting to a clean near white finish, SSPC-SP 10/NACE № 2. (Repair areas shall be roughened using Carborundum cloth or 80 grit sandpaper and wiped clean with an isopropyl alcohol soaked cloth prior to patching.) Add Part B (hardener) to Part A (base) and mix with a wooden stick or power mixer until a consistent grey colour is achieved. During the mixing process, the inside surface of the container should be scraped to obtain a complete mixture. Pour mixed material onto surface and brush, trowel or roll to required thickness. A wet film thickness gauge should be used to measure mil thickness (min. 20 mils). Backfilling times are dependent on temperature and will be extended at cooler temperatures. Note: Premier recommends surface temperature during application to be a maximum of 68°F (20°C) for optimum performance characteristics.</p> <p>For complete application instructions, refer to "Protal 7125 Hand Application Specifications".</p> |
| <b>STORAGE</b>             | 6 months when stored in original containers between 40°F and 80°F (4°C and 27°C). Product will not freeze.   |
| <b>CLEANING</b>            | Clean equipment with xylene or approved solvent.   |
| <b>HEALTH &amp; SAFETY</b> | Spray or brush under well ventilated conditions. Wear suitable protective clothing and glasses. See material safety data sheet.  |
| <b>PACKAGING</b>           | 1.5 litre kits and 825ml cartridges*<br><small>*0.8 litre, 2.5 litre and other unit sizes are available upon request.<br/>Dispensing guns for repair cartridges sold separately.</small>   |

**PREMIER PROTAL 7125 (cont'd)**

| TYPICAL PROPERTIES                                | DATA   |
|---|--|
| <b>Percent Reactive</b>                           | 100%   |
| <b>Base Component - unmixed @ 77°F (25°C)</b>     |  |
| Specific Gravity                                  | 1.54   |
| Viscosity   | Thixotropic Liquid   |
| Colour  | White  |
| <b>Hardener - unmixed @ 77°F (25°C)</b>           |  |
| Specific Gravity                                  | 1.48   |
| Viscosity   | Soft Paste   |
| Colour  | Black  |
| <b>Mixed Material - mixed @ 77°F (25°C)</b>       |  |
| Specific Gravity                                  | 1.53   |
| Viscosity   | Thixotropic Liquid   |
| Colour  | Grey   |
| <b>Mixed Ratio (A/B) by Volume</b>                | 10 parts base:1 part hardener  |
| <b>Gel Time/Pot Life - 1 litre kit</b>            |  |
| 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   |
| <b>Back Fill Times - Material @ 50°F (10°C)</b>   |  |
| 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  |
| <b>Theoretical Coverage</b>                       | 14 ft <sup>2</sup> (1.3m <sup>2</sup> )/litre for 30 mils average film build |
| <b>Thickness</b>                                  |  |
| Minimum/Maximum                                   | 20/60 mils   |
| Recommended                                       | 25-30 mils   |
| <b>Holiday Detection (Maximum)</b>                | 2000 volts   |
| <b>Cathodic Disbondment 28 days @ 68°F (20°C)</b> | 7.1mm  |
| <b>Adhesion to Steel</b>                          | 2400 psi   |
| <b>Hardness (Shore D)</b>                         | 85   |
| <b>Gouge Resistance</b>                           | 3 passes = 0 Fail @ 50kg   |
| <b>Application Temperature</b>                    | -4°F to 68°F (-20°C to 20°C)   |
| <b>Service Temperature</b>                        | -40°F to 150°F (-40°C to 65°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.