

PROTAL 7125 REPAIR CARTRIDGE

Fast Cure, Low Temperature Pipeline Repair Coating

Description

Protal 7125 Repair Cartridge are specially formulated for patching and repairing damaged FBE and other liquid coated pipelines. The repair cartridges are packaged in 2-component tubes (825 ml) and are applied with a dispensing gun (sold separately).

Uses

Repair coating for damaged FBE and other liquid coated pipelines. Also used for coating of cadweld areas.

Features

- Cold temperature application down to -4°F (-18°C)
- Will not freeze
- Fast cure, fast initial set
- Will cure when submersed in water
- High build (in one coat)
- Excellent adhesion (compliments FBE coated pipe)
- Does not shield cathodic protection
- Static Mixing Tips available

Application

For repair of pinhole holidays and damages, up to 36 sq. inches, the Protal 7125 Repair Cartridge can be applied from -4°F to 135°F (-20°C to 57°C). The repair areas shall be roughened using Carborundum cloth or 80 grit sandpaper and wiped clean with an isopropyl alcohol soaked cloth prior to patching. Material can be applied by injecting material into a small container and mixing until a uniform color is achieved or utilizing the Protal Static Mixing Tip. Material can then be brush applied to specified mil thickness (minimum 20 mils). Cure times are dependent on temperature and will be extended at cooler temperatures.



**Protal 7125
Repair Cartridge
(825 ml)**



**Protal Cartridge Gun
10:1 (825 ml)
Sold Separately**

Denso®

Protal 7125 Repair Cartridge

TECHNICAL DATA

PROPERTIES	VALUE
Solids Content/Percent Reactive	100%
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
Handling Times	
Substrate Temp. @ 90°F (32°C)	10 - 15 Minutes
Substrate Temp. @ 70°F (21°C)	20 - 30 Minutes
Substrate Temp. @ 50°F (-10°C)	1 Hour
Substrate Temp. @ 32°F (0°C)	2 Hours
Substrate Temp. @ 14°F (-10°C)	4 Hours
Recommended Thickness	25 - 30 mils
Cathodic Disbondment	
28 Days @ 68°F (20°C)	7.1 mm
Adhesion to Steel	2400 psi
Adhesion to FBE	1100 psi
Hardness (ASTM 2240)	Shore D 85 min.
Gouge Resistance	3 Passes = 0 Fail @ 50 kg
Application Temperatures (Surface)	-4°F to 135°F (-20°C to 57°C).
Service Temperature	-40°F to 150°F (-38°C to 65°C)
Holiday Detection	125 volts / mil

STORAGE: 12 months when stored in original containers between 33°F and 80°F (0.5°C and 27°C). Product will not freeze.

CLEANING: Clean equipment with MEK or equivalent solvent cleaner.

HEALTH AND SAFETY: Apply under well ventilated conditions. Wear suitable protective clothing and glasses. See material safety data sheets.

PACKAGING: 825 ml dual cartridges.

Dispensing gun and static mixing tip (825 ml) sold separately.

Denso[®]

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