

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 as coating of cadweld areas.

Features

- Cold temperature application down to -4°F (-20°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

Application

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. 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.

Denso[®]

Protal 7125 Repair Cartridge

Technical Data

PROPERTIES

Solids Content/Percent Reactive	100%
Mixed Material (Mixed) @ 77°F (25°C)	
Specific Gravity	1.53
Viscosity	Thixotropic Liquid
Color	Gray
Mixing Ratio (A/B) by Volume	10 parts base:1 part hardener
Handling Times	
Ambient & Substrate Temp. @ 110°F (43°C)	3 - 5 Minutes
Ambient & Substrate Temp. @ 90°F (35°C)	10 - 15 Minutes
Ambient & Substrate Temp. @ 70°F (25°C)	20 - 30 Minutes
Ambient & Substrate Temp. @ 50°F (10°C)	1 Hour
Ambient & Substrate Temp. @ 32°F (0°C)	2 Hours
Ambient & 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 Temperature (Surface)	-4°F to 150°F (-20°C to 65°C).
Service Temperature	-40°F to 150°F (-40°C to 65°C)
Holiday Detection (Maximum)	100 volts / mil

STORAGE: 12 months when stored in original containers between 40°F and 80°F (4°C and 27°C). Product will not freeze.

CLEANING: Clean equipment with solvent cleaner (Xylene 95%, Butanol 5%) or approved solvent.

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 guns sold separately.



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