

## PROTAL 7200 REPAIR CARTRIDGE

### Fast Cure Epoxy Repair Coating

#### Description

Protal 7200 Repair Cartridges are specially formulated for patching and repairing damaged FBE and other liquid coated pipelines. The repair cartridges are packaged in 2-component tubes that are applied with a dispensing gun (sold separately). Two convenient sizes (375 ml and 50 ml) are available.



#### Uses

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

#### Features

- Excellent adhesion (compliments FBE coated pipe)
- Fast cure
- High build (in one coat)
- High abrasion resistance for drilling applications
- 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**<sup>®</sup>

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# Protal 7200 Repair Cartridge

## Technical Data

### PROPERTIES

<b>Solids Content/Percent Reactive</b>	100%
<b>Mixed Material (Mixed) @ 77°F (25°C)</b>	
Specific Gravity	1.53
Viscosity	Thixotropic Liquid
Color	Green
<b>Mixing Ratio (A/B) by Volume</b>	4 parts base:1 part hardener
<b>Handling Times</b>	
Ambient & Substrate Temp. @ 90°F (35°C)	30 - 45 minutes
Ambient & Substrate Temp. @ 70°F (25°C)	90 - 120 minutes
Ambient & Substrate Temp. @ 50°F (10°C)	4 - 6 hours
<b>Recommended Thickness</b>	25 - 30 mils
<b>Cathodic Disbondment</b>	
28 Days @ 77°F (25°C)	3 mm
28 Days @ 150°F (65°C)	4 mm
<b>Adhesion to Steel</b>	2600 psi
<b>Adhesion to FBE</b>	1100 psi
<b>Hardness (ASTM 2240)</b>	Shore D 85 min.
<b>Gouge Resistance</b>	3 Passes = 0 Fail @ 50 kg
<b>Application Temperatures*</b>	-30°F to 185°F (-34°C to 85°C)
<b>Service Temperature</b>	-40°F to 185°F (-40°C to 85°C)
<b>Holiday Detection (Maximum)</b>	2000 volts

*\*If temperature falls below 50°F (10°C), surface must be preheated.*

**STORAGE:** Minimum 24 months when stored in original containers between 40°F and 80°F (4°C and 30°C).

**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:** 375 ml and 50 ml dual cartridges.

*Dispensing guns sold separately.*



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