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01/2010

POLYTOP 500BR

For steel polyurea coating repair without equipment.

Description

POLYTOP 500BR is two component, zero VOC's (Volatile Organic Compound) , 100% solid. POLYTOP 500BR is possible repair coating with only brush or roll brush.

Use

- For polyurea repair coating .
- For use brush coating.

Features

- Zero VOC's (100% solid).
- It has sufficient working time.
- Cures at -25°F to 300°F .
- Rapid repair coating.
- Excellent resistance to solvent .
- Excellent resistance to oil and acid(chemical).
- Excellent bond strength to properly prepared surfaces.

Technical data (Wet properties)

Appearance	liquid
Specific gravity (25°C)	"A" 1.12±0.1 "B" 1.02±0.1
Viscosity(cps)	"A" 500±100 "B" 800±100
Thermal stability	0°C to 50°C
Shelf life(10-40°C) (Unopened containers)	6months

(Processing properties)

Workable time	15min
Tack free time	1hr
Recoat	0-24

(Dry properties)

Tensile strength ASTM D 412	3400±200 psi
Elongation	100±50%
Hardness (Shore)	Above65 (D)
Adhesion strength (Steel-SSPC SP10)	Above 2000psi
Abrasion resistance (1kg ,1000rev)	20mg(CS-17)
Impact resistance (Thickness 1mm)	Above2.0kg.m

Application

- Mix ratio 1:1
- Thinning is not required.
- You check the SSPC LEVEL 3 before start working.

Caution

- Store in warm place preventing from freezing. Contents should not be exposed for a long time .
- In case of contact with skin and eyes ,flush immediately with plenty of water and seek medical advice.
- For further information , see the Material Safety Data Sheet.

Packing

- POLYTOP 500BR "A""B" is available in 500ml PE bottle and "18L pails.



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Water steel pipe repair



Steel repair coating

More additional information or technical questions . Please contact our company

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