

PRP SERIES REPAIR PATCH and MASTIC FILLER

PRODUCT DATA SHEET

DESCRIPTION

Repair system PRP series is specifically designed for seal and protection of damaged area of pipeline coating. PRP series consists of repair patch, and mastic sealant filler.

PRP-D Repair patch Construction: 2/3 layer

First layer (Optional): Liquid Epoxy, solvent free two component

Second layer : Copolymer hot melt adhesive

Third layer: Radiation-cross-linked, high density polyethylene (unexpanded)



INSTALLATION

Installation is done with standard gas torches. To repair a damaged area, roughen and clean the area. Then round off the corners of PRP-D patch and preheat the area and apply the filler mastic to fill up the holiday. PRP-D, cut to size, is positioned onto the surface prepared area and heated. During heating, the adhesive softens and flows to form a strong bond with the backing. After completion of repairing and cooling down, it gives super strength to the system

INSTALLATION

- ▶ PRP-D provides excellent abrasion resistance, inert to acids and alkalis and solvents.: Durable and higher performance
- ▶ Moisture and corrosion resistance.: Unique and high quality repair system
- ▶ Provides excellent adhesion.: Fast and convenient installation
- ▶ Best repair system : Economical ,fast and easy installation

FEATURE AND BENIFITS

Description	PRP-D Repair Patch	PRP-M Mastic Sealant filler
Performance	EN12068 Class C80 UV	EN12068 Class C80 UV
Compatible line coatings	PE, D/FBE,CTE	PE, D/FBE,CTE
Soil stress restriction	None	None
Max operating temperature	85°C(185°f)	85°C(185°f)
Min preheat temperature	70°c(158°F)	70°c(158°F)

STANDARD ORDERING OPTIONS

Description		PRP-M MASTIC FILLER	
Example	PRP-D-425X 10000	Example	PRP-M-50X 3X3000
PRP-D	PRP series Repair patch	PRP-M	PRP series Mastic Filler
425	425mm width of patch	50	50mm Width
10000	10 Meter length of Roll	3	3mm Thickness
		3000	3 Meter Length

PRODUCT PROPERTIES

Properties	Test Method	Typical Value PRP-D
Properties		
Tensile strength	ASTM D-638	24MPa
Elongation	ASTM D-638	610%
Hardness, Shore D	ASTM D-2240	55
Dielectric strength at	ASTM D-149	37KV/mm
23°C Moisture absorption	ASTM D-570	0.05%
Patch Adhesive		
Softening Point	ASTM E-28	121 °c
Lap shear	ASTM D-1002	1.5N/mm ²
Sleeve		
Peel strength to PE	EN12068	3.5 N/mm
Impact resistance	EN 12068	> 15J

CONDITION TO APPLY

The typical values in this data sheet are based on lab prepared samples. For project specific requirements please consult with SNI INDIA

- ▶ **Storage:** Indoor, clean, dry away from direct sunlight in a cool place below +50°C
- ▶ **Installation:** For proper installation and performance please refer our installation instruction
- ▶ **Personnel Qualification:** Installation of the coating repairing system should be carried out by SNI INDIA certified personnel

Please read all information in the general guidelines, product data sheets, guide specifications, and material safety data sheets (MSDS) before applying the material. Published technical data and instructions are subject to change without notice. Contact your local SNI India LLP representative or visit our website for current technical data and instructions.

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