POLINTEK®

Stop Leaks Plus Patching for Non Metal

PRODUCT DESCRIPTION

A two components system consisting of polymers. Once fully cured, the system provides excellent protection from the effects of mechanical and chemical attack.

INTENDED USES

POLINTEK® Stop Leak Plus Patching for Non Metal system has an advance technology :

1. Online / offline application
2. Chemical resistance (dipping): H_2SO_4 35%, HNO_3 50%, NaOH 50%, NH_3 50%, H_2S 50%, HCl 37% and EDC (1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide variant concentrate.
3. Thermal resistance (induction) from -40 ^{0}C to 850 ^{0}C
4. Fast cure (accelerate).
5. Mechanical shock resistance.
6. Anti-corrosion and molecular degradation.
7. Ultraviolet resistance.
8. Zero water absorption.
9. Single application.
10. Compatible to all of non metal classes.
11. Adhere within wet or oily application.
12. Hydrocarbon immersion resistance and not reacted to all solvent remover (after cure)
13. Flexibility.
14. Food Grade

Applications include piping, valves, flanges in oil and gas, chemical, mining and water industries.

PRACTICAL INFORMATION FOR POLINTEK® Stop Leaks Regular Patching for Non Metal

Color	black
Gloss level	N/A
Volume Solid	99 %
Thickness	1000 – 2000 microns without reinforced
Coverage Area	1.3 kg for 1 m^2 in 1000 microns
Method of Application	Patching manually using spatula

Drying Time

				Patching Interval with self	
Temperature	**Gelling**	**Touch Dry**	**Hard Dry**	***Minimum***	***Maximum***
25^{0}C (77^{0}F)	1 hour	2 hours	24 hours	1 hours	2 days
40^{0}C (104^{0}F)	0.25 hour	1 hour	12 hours	0.25 hours	1 days

Note :

- *Sufficient patching film strength has developed to permit the handling and movement of patched steelwork. Shore D hardness is a recommended guideline to indicate suitability for return to service.*
- *If the maximum patching interval is exceeded*

REGULATORY DATA

See Material Safety Data Sheets (MSDS)

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