

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 Metal system has an advance technology :

1. Online / offline application
2. Chemical resistance (dipping): H₂SO₄ 35%, HNO₃ 50%, NaOH 50%, NH₃ 50%, H₂S 50%, HCl 37% and EDC (1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide variant concentrate.
3. Thermal resistance (induction) from -40 °C to 850 °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 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 Plus
Patching for 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	

Temperature	Gelling	Touch Dry	Hard Dry	Patching Interval with self	
				Minimum	Maximum
25°C (77°F)	1 hour	2 hours	24 hours	1 hours	2 days
40°C (104°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)