

PRODUCT DESCRIPTION

A two components system consisting of polymers. Once fully cured, the system provides excellent mechanical and chemical properties.

INTENDED USES

POLINTEK® Specialty Coating PTFE for Metal system has an advance technology :

1. Fast cure (accelerate accordance to the working temperature).
2. Wearing Resistance
3. Anti-corrosion and molecular degradation.
4. Ultraviolet resistance.
5. Zero water absorption.
6. Single coat application.
7. Compatible to all metal class surfaces.
8. Adhere within wet or oily application.
9. Well hydrocarbon immersion resistance.
10. Underwater application.
11. Food Grade

PRACTICAL INFORMATION FOR POLINTEK® Specialty Coating PTFE for Metal

Color	Transparent or color (customized)
Gloss level	N/A
Volume Solid	95 %
Thickness	1000 – 2000 microns without reinforced
Coverage Area	1.3 kg for 1 m ² in 1000 microns
Method of Application	Brushing, rolling, patching or injecting
Drying Time	

Over-coating Interval with self

Temperature	Gelling	Touch Dry	Hard Dry	Minimum	Maximum
25 ⁰ C (77 ⁰ F) (5% solvent)	3 hour	6 hours	36 hours	6 hours	21 days
25 ⁰ C (77 ⁰ F) (10% solvent)	6 hour	12 hours	72 hours	12 hours	21 days
25 ⁰ C (77 ⁰ F) (15% solvent)	12 hour	24 hours	144 hours	24 hours	21 days
25 ⁰ C (77 ⁰ F)	1 hour	2 hours	12 hours	2 hours	7 days
40 ⁰ C (104 ⁰ F)	0.5 hour	1 hour	6 hours	1.5 hours	5 days
Up to 350 ⁰ C (662 ⁰ F)	0.05 hour	0.1 hour	0.5 hours	0.1 hours	0.5 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)