

## Specialty Coating Super PTFE for Metal

### 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 Super PTFE for Metal system has an advance technology :

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

### PRACTICAL INFORMATION FOR POLINTEK® Specialty Coating Super PTFE for Metal

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

Over-coating Interval with self

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