

PRODUCT DESCRIPTION

A two components system consisting of polymers. Once fully cured, the system provides excellent bonding strength and physical properties.

INTENDED USES

POLINTEK® Magic Adhesive Plus for Metal System has an advance technology :

1. Fast cure (accelerate)
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 350 °C
4. General mechanical performance.
5. Anti-corrosion and molecular degradation.
6. Ultraviolet resistance.
7. Zero water absorption.
8. Single coat application.
9. Compatible to all metal classes.
10. Adhere within wet or oily application.
11. Hydrocarbon immersion resistance.
12. Flexibility.
13. Food Grade

**PRACTICAL INFORMATION
FOR POLINTEK® Magic Adhesive
Plus for Metal**

Color	customize
Gloss level	N/A
Volume Solid	98 %
Thickness	50 – 100 microns without reinforced,
Coverage Area	1.3 kg for 1 m ² in 1000 microns
Method of Application	Manual brush / spatula or plural component spray.
Drying Time	

Over-laminate Interval with self

Temperature	Gelling	Touch Dry	Hard Dry	Minimum	Maximum
25 ⁰ C (77 ⁰ F)	0.5 hour	1.5 hours	5 hours	0.5 hours	N/A
40 ⁰ C (104 ⁰ F)	0.25 hour	1 hour	3 hours	0.25 hours	N/A

Note :

- Sufficient laminate film strength has developed to permit the handling and movement. A shore D hardness is a recommended guideline to indicate suitability for return to service.
- If the maximum over-laminate interval is exceeded

REGULATORY DATA

See Material Safety Data Sheets (MSDS)