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1350 HPC Quick Dry Primer

Material Description

A general purpose, quick drying primer offering corrosion protection in mildly corrosive atmospheres.

Intended Applications

For use on Structural steel, plate stock, tanks, and iron. May be top coated with SPEED or INDUSTRIAL Enamel.

| | |
|-------------------------|---------------|
| Colors Available | Finish |
| Grey | Flat |

Physical Properties

| | |
|---------------------|--|
| Resin System | Pigment System |
| Modified Alkyd | Titanium dioxide, yellow oxide, carbon black |

| | |
|-------------------------------------|---------------------------|
| Solvent System | Packaged Viscosity |
| Aliphatic and aromatic hydrocarbons | 67+/-5" #4 Ford cup @25C |

| | |
|-------------------------|-------------------------|
| Solids by Weight | Solids by Volume |
| 61.7 % +/- 2.0% | 38.7 % +/- 2.0% |

| | |
|-----------------------------|------------------|
| Theoretical Coverage | Total VOC |
| 164 sq ft/L | 514 g/L |

| | | |
|---------------------------|---------------------------|-------------------------|
| Wet Film Thickness | Dry Film Thickness | Specific Gravity |
| 3.9 - 5.2 wet mils | 1.5 - 2.0 mils | 1.343 |

| | | |
|-----------------------|------------------------|------------------------|
| Dry to Touch * | Dry to Handle * | Dry to Recoat * |
| 10 - 15 minutes | 25 - 45 minutes | 25 to 30 minutes |

| | | |
|-----------------------|-------------------|-----------------------|
| Coats Required | Components | Pot Life Hours |
| 1-2 | 1 | N/A |

| |
|------------------------------|
| Recommended Thinners |
| Xylene or TS-28 Slow Reducer |

Additional Application Notes

* Times listed are at 25°C. Temperature and humidity will affect dry and recoat times.

Date Issued 02/03/2021 Supersedes v. 20/04/2004

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Required Surface Preparation and Application Parameters

| | | | |
|--------------------------------|--|----------------------------|----------------|
| Surface Preparation | Surfaces must be free of dirt, grease, and oil. Steel surfaces must be thoroughly cleaned and and blasted to a minimum SSPC SP-6 commercial blast. | | |
| Atmospheric Conditions | Surface and product temperatures must be at least 10 deg C (50 F) and at least 3 deg C (5F) above dew point. Apply in dry weather when relative humidity is less than 85%. | | |
| Blend Ratio | N/A | | |
| Induction Period | N/A | | |
| Reduction | Airless (5-10%) / A.A. Airless (10-20%) | | |
| Application Viscosity | Airless (28" Z #2) / A.A. Airless (24" Z #2) | | |
| Force Cure | 5 minutes @ 120F after 15 min flashoff | | |
| Airless Pressure | 1400-2000 PSI min at tip | Airless Tip Size | 0.011" - 0.015 |
| AA Airless Pressure | 850 PSI min at tip | AA Airless Tip Size | 0.011" - 0.015 |
| AA Airless Air Pressure | 30 - 60 PSI | | |
| Conventional Spray | | | |
| Brush | Polyester or nylon | Roller | N/A |

Additional Information

| | |
|---------------------------|--------------------------------------|
| Package Sizes | 3.78 litres, 18.9 litres, 205 litres |
| Safety Information | See label precautions and SDS. |

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