

MIROKEY VY 6640 Black Etch Primer

MIROKEY VY 6640 is a polyvinyl butyryl epoxy primer suitable for application on aluminium, mild steel, galvanised iron, copper and brass. It is a single product self-etching satin coating.

Product Advantages

- Single pack, easy to use
- Excellent adhesion to cleaned surfaces
- Fast drying

Typical Applications

General metal furnishings, office furniture, filing cabinets, hand rails, gates, trusses, bull bars, tow bars, earth moving and materials handling, shot blast holding primer, plant & machinery equipment and tanks.

Product Properties

Solvent Resistance: Fair
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 Levelling & Flow: Good

Typical Properties

Colour: Black
 Gloss: Satin

Coverage: 7-10 m² per litre at 125 micron wet film build. This is dependent on the application equipment / gun set up and the article being coated.

Thinning: Thin 5 to 10% with MIROSOL 1286 Ultra-Fast Thinners

Wet Film Thickness (WFT): 100-125 microns per coat.

Application Methods:

Suction Gun: Use 1.5 to 2mm (59-79 thou) orifice with 350-400kpa (50-55 psi).
 Pressure Pot: Use 1.5 to 2mm (59-79 thou) orifice with pressure pot air-cap. Gun pressure 350-400kpa (50-55 psi) and a pot pressure of 45kpa (6 psi) max.
 Airless Spray: Use 0.23 to 0.33mm (9-13 thou) orifice, 15cm fan (dependent on job) with regulated pump pressure of 350-400kpa (50-55 psi).
 Air Mix Guns: Settings similar to airless spray with the air-assisted regulator pressure at 70-90kpa (10-15psi).

Drying: Touch Dry: 10 minutes
 Recoat: 30 min to max 8 hours

Temperatures below 16°C will retard the curing reaction of the product. Drying time is also affected by wet film thickness, the higher the WFT the slower the rate of reaction and the longer the dry time.

Surface Preparation: Remove contaminants by washing the surface with MIROSOL 1231 Wax & Grease Remover. Ensure all corrosive products, soluble salts, rust, millscale, loose or flaky paint is removed prior to coating. Linishing or abrasive blast cleaning may be required.

At the time of application, the surface should have a surface temperature of between 18 to 25°C to reduce the risk of loss of adhesion due to condensation.

Application Equipment Clean Up: Clean all equipment using MIROSOL 1286 Thinner

Shelf Life: 24 months

Packaging: 4 & 20 litres

Health & Safety

Before handling, refer to the Material Safety Data Sheet for health and safety information. Ensure that all personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

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