
Product Name:**Self-Phosphating Coating for Metals**

Product Number:**IP2878 Range**

Product Description:

The IP2878 Range is a liquid coating which when applied to ferrous metals provides both an iron phosphate conversion coating and a hard, resistant paint coating.

The benefits are as follows:

- Simple process – No heating, no rinsing
- Improves the adhesion of most industrial paints and powder coatings
- Improves the rust resistance of painted and iron steel
- Prevents rusting of items stored in good condition awaiting final painting
- Economic – A dry film thickness of 3-5 microns is sufficient for most purposes.

The IP2878 Range can be typically used for the dry film protective coating of brake discs, drums and clutch faces as the highly-finished surfaces are extremely susceptible to corrosion on storage. The coating is not removed before assembly to the vehicles, the first application of the brakes or use of the clutch completely removing it without causing any snatching or juddering.

Approvals/Specifications:Approvals Pending

Performance:

The IP2878 Range is a useful thin film protection for components which may be over-painted in the future. The hard coating formed will not interfere with subsequent machining.

An alternative to the now obsolete Suncorite range.

Components:

Single Pack Product

Colour Range
IP2878C – Clear
IP2878B – Black
IP2878R – Red

Thinner: 665-550-025

Technical Data Sheet



Application:

Surface Preparation:

Ensure all surfaces are clean and free from dust/dirt

Degrease with propriety degreasing solutions. Can be grit blasted with 120/220 aluminium oxide grit.

Paint Preparation:

Stir thoroughly before use; Normally used at supply viscosity but can be thinned with 5% 665-550-025 thinner.

Application Method:

Apply by dipping, spraying and brushing (on small areas). Do not apply when room temperature is below 15°C – Phosphate protection will not be achieved in these circumstances.

Drying Curing:

Touch Dry: 15-20 Minutes **Hard Dry:** For packing 2 hours

Heat Cure: Typically 20 minutes @ 80°C

Technical Properties:

Supply Viscosity: 55-65 seconds/ISO 3 cup/23±0.5°C

Flash Point: 4°C

VOC Content: 690 gm/litre

Density: 0.86gm/ml

Gloss: glossy

Thinner: 665-550-025 thinner

Solvent/Clean Up: 40006 gunwash or 665-550-025 thinner

Theoretical Coverage: 12.5 m²/litre @ 10 micron nominal DFT

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

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Safety Data Sheets:

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