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**Product Name:**

42XXX Topcoat Range

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**Product Number:**

Please Refer to the Product Range for full colour range

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**Product Description:**

A 2 part air drying epoxy finish for interior and exterior use. Used as both decorative or protective finish and air drying marking paint. The cured coating is resistant to abrasion, corrosion, chemical attack and most vehicle/machinery operating fluids. This range is also used for painting instruments and general industrial equipment

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**Approvals/Specifications:**

- RoHS and WEEE compliant Finish
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**Performance:**

Tested on Aluminum and Steel to the following minimum specification:

- Resistant to 100 hours in salt water fog
  - Resistant to 100 hours dry heat at 180°C
  - Resistant to 100 hours at 150°C in lubricating oil
  - Resistant to 100 hours at 180°C in dry heat
  - Resistant to 100 hours with engine fuel
  - Resistant to temperatures of down to at least -40°C
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**Components:**

- 42XXX-Base (Part A)
- 42001 (Part B)

42000 Thinner (may be added if required for coating complex unit geometry).

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**Application:**

Prior to application of the primer thorough cleaning of the substrate is essential.

Process is as follows:

- Applied by spray, but can be brushed
- Pot Life = 8 hours

If the primer has been applied more than 72 hours in advance of being over coated, the surface must be wet flatted with 320 grade

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paper and have an additional light coat of primer applied to ensure the best inter-coat adhesion for the system.

**Top Coats:** Apply one double track coat to give a dry film thickness of 20-32 microns. Air dry for a minimum of 4 hours or flash off for 30 minutes and then stove at 125°C for 30 minutes.

Full chemical protection is achieved after 7 days (air dry at 18-20°C min)

## Surface Preparation:

Ensure that all surfaces are clean and free from dirt.

## Paint Preparation:

**Pre-Treatment:** Primer – pre-treat for aluminium or steel may be required for some applications. Finishes usually applied over 426500 chrome free primer.

**Mixing Instructions:** Refer to product range listings and label on the base component

**Thinner/Reducer Addition:** 42000 Thinner

## Application Method:

Apply by spray; Small areas can be applied by brush

## Drying Curing:

### Air Dry:

- *Touch Dry:* 2-3 hours
- *Hard Dry:* 16-24 hours

Forced drying may be performed: allow 15 minutes flash off and then force cure for 30 minutes at 115°C +/- 10, to ensure early chemical resistance.

### Heat Cure:

- *Flash Off:* 20-30 minutes
- *Cure:* 30 minutes @ 125°C

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## Technical Properties:

**Supply Viscosity:** 70 – 100 seconds ISO5 @ 23+/- 2°C

**Flash Point:** 24-26°C

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<b>VOC Content:</b>	400-480 g/l
<b>Colour:</b>	Available in a Variety of colours
<b>Pack Size:</b>	1 & 5 litre
<b>Density:</b>	1.02-1.40kg/l
<b>Gloss:</b>	Available in a Variety of Gloss Levels
<b>Thinner:</b>	42000 Thinner
<b>Solvent/Clean Up:</b>	40006
<b>Catalyst:</b>	42001
<b>Theoretical Coverage:</b>	10-12m <sup>2</sup> /l

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## Storage:

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

**Shelf Life:** 12 months Temperate; 6 months Tropical

**Before Use Please Refer to Product Safety Data Sheet**

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## Disclaimer:

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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