
Product Name: Air Drying Acrylic Finishes; Selectively Strippable

Product Number: IP33 Range

Product Description: One component acrylic based finishes for both interior and exterior use.

Formulated to provide fast air drying; can be force cured as required, typically 20-30 minutes @ 60-80°C.

Provides excellent durability and exterior weathering.

When used as part of an aerospace system (typically over primer to BSX/BS2X33), the finish can be 'selectively stripped' with specific paint strippers (to BSX36)

Approvals/Specifications:

- DTD5599a
- Def Stan 80-214

Similar to:

- Belgium Airforce BA-CP-4610, Class III
 - US Navy, MIL-L-81352
 - German Army TL 8010-0013
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Performance:

All tests conducted after 7 days air drying:

- **Water Resistance:** BS EN ISO 2812-1: 24 hours immersion minimal softening
 - **Scratch Resistance:** BS EN ISO 1518: 1500gms load
 - **Bend Test:** BS EN ISO 1519, Type 1: 10mm mandrel @ 0°C
 - **Liquid Fuel:** BS EN ISO 2812-1: 2 hours immersion, no cracking on bend
 - **Ester Lubricant:** BS EN ISO 2812-1: 8 hours @ 70°C, minimal softening
 - **Hydraulic Fluid:** BS EN ISO 2812-1: 42 days, no softening
 - **Temperature Cycling:** 15 cycles (-20±2°C for 20 hours; 23±2°C for 4 hours)
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- **Artificial Sea Water:** BS EN ISO 2812-1: 7 days immersion
- **Artificial Weathering:** BS3900; part F16, method A, UV-B (313nm) 500 hours

Components:

Single Pack Product. May be thinned for application by using ACRI-THIN

Application:

Surface Preparation:

Ensure that all surfaces are clean and free from dirt.
Recondition aged primers or topcoats before painting. Fine Scotch Brite or similar used to provide a fine uniform matt surface is recommended.

Paint Preparation:

Pre-Treatment: Applied over suitable primer, typically BSX33/BS2X33

Mixing Instructions: Single component product, but requires thinning for spray application; use 2 parts base to 1 part thinner ACRI-THIN

Application Method:

Brush: Use as supplied.
Spray: Thin as described above

Apply by conventional spray; latest generation compliant advanced guns recommended

Drying Curing:

Air Dry: (18 – 22°C)
- *Touch Dry:* 20-30 minutes
- *Hard Dry:* 2 hours

Heat Cure: Can be force cured where applicable: typical schedule 20-30 minutes @ 60-80°C (140-175°F)

Technical Properties:

Supply Viscosity: 60-70, ISO5, 23+/- 2°C
Flash Point: 4 – 14°C
VOC Content: 520 g/l

Colour:	Available in a variety of Colours.
Pack Size:	1 & 5 Litre
Density:	0.92-1.15kg/l
Gloss:	Available in a variety of gloss levels.
Thinner:	ACRI-THIN
Solvent/Clean Up:	ACRI-THIN, 40006 (gun Wash)
Catalyst:	N/A
Theoretical Coverage:	8 - 10 m ² /l

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

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Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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