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**Product Name:** Air Drying Acrylic Finishes; Selectively Strippable

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**Product Number:** IP33 Range

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**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)

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**Approvals/Specifications:**

- DTD5599a
- Def Stan 80-124

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

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## Components:

Single Pack Product. May be thinned for application by using IP33-REDUCER

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## 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 IP33-REDUCER

### 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)

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## Technical Properties:

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

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<b>Colour:</b>	Available in a variety of Colours.
<b>Pack Size:</b>	1 & 5 Litre
<b>Density:</b>	0.92-1.15kg/l
<b>Gloss:</b>	Available in a variety of gloss levels.
<b>Thinner:</b>	IP33-REDUCER
<b>Solvent/Clean Up:</b>	IP33-REDUCER, 40006 (gun Wash)
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	8 - 10 m <sup>2</sup> /l

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## 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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## Disclaimer:

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: [sales@indestructible.co.uk](mailto:sales@indestructible.co.uk)