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**Product Name:**IP985 Heat Cured Epoxy Topcoat Range

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**Product Number:**IP985 Range: Multiple colours and gloss levels.

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**Product Description:**

The IP985 range has been developed to meet the latest requirements of the aerospace industry and multiple Customer specifications. The coatings are designed and used primarily on aero-engine, heat exchanger and helicopter gearbox components on a variety of substrates including magnesium/ aluminium/ steel and titanium.

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**Approvals/Specifications**

- Eurocopter ECS-2178 / ECS-2264
  - Messier Bugatti IFC 30-115-03
  - Turbomeca LB 714 / LB 569 / LB 547
  - MSRR 9226
  - BSX38
  - DTD 5562
  - OMat 7/98A
  - GE Engine Spec A 8B 89A 1
  - NSN: 8010-99-225-3338; 8010-99-756-0842
  - AFS 538
  - BAE P 3506 (S26.3506)
  - BAE P 3512
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**Performance:**

Meets the requirements of multiple specifications to include:

- Salt Spray; 1,000 hours to ASTM-B117
  - High Temperature; 1,000 hours @ 220°C
  - Low Temperature Resistance; 24 hours @ -50°C
  - Hydraulic Fluid (Skydrol) Resistance; 168 hours @ 70°C followed by 1,500 grams scratch
  - Aerospace Fuel Resistance; 48 hours @ 40+/- 2°C
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## Application:

<b>Surface Preparation:</b>	Substrates must be clean, dry and grease free. Bare metal adhesion is improved through abrasion or grit blasting. To be applied over 700-155-003 chromate or IP985-6500 Rockhard non-chromate primers.
<b>Paint Preparation:</b>	Single pack range of products – may be applied at supply viscosity. Thinning with up to 20% IP-Reducer may be required upon application.
<b>Application Method:</b>	Apply by spray; conventional or H.V.L.P. For full details, refer to Indestructible Application Guide IPAS-21.
<b>Drying Curing:</b>	Used as part of a Primer/ Topcoat system. Intermediate Coats; Flash off for 15 minutes, part cure for 30 minutes @ 150°C. Final Cure; 1 hour @ 180-190°C

## Technical Properties:

<b>Supply Viscosity:</b>	Clear; 30 seconds ISO4 Cup/pigmented; 60 seconds ISO5 Cup. Both @ 23±2°C
<b>Flash Point:</b>	≥21 - ≤32°C
<b>VOC Content:</b>	Clear; 660 gms. / Ltr, Pigmented & Colour; 370 – 440 gms. / Ltr
<b>Colour:</b>	Please refer to the Colour range sheet.
<b>Pack Size:</b>	1 & 5 Litre.
<b>Density:</b>	Clear; 0.95 ± 0.020, kg/l Primer and Colours; 1.030 – 1.320 ± 0.020kg/l
<b>Gloss:</b>	Matt to Gloss
<b>Thinner:</b>	IP985-Reducer

# Technical Data Sheet



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<b>Solvent/Clean Up:</b>	40006 Gun Cleaner
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	7 – 10 sq. m. per litre.

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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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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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

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