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**Product Name:**

Anti-Corrosive High Solids Low VOC 2 pk Epoxy  
Primer

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**Product Number:**

- IP3-6500 Mid Grey
  - IP3-6600 Pale Yellow-Green
  - IP3-6700 Green
  - IP3-9IRR Black Infrared Reflecting
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**Product Description:**

Anti-corrosive non chromate primer; semi matt grey or yellow/green, used on its own, or as a base for use with either the IP3; IP2 or IP9064 epoxy or IP6 polyurethane ranges. Formulated on HAPS friendly solvents to be Xylene/Toluene free.

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**Approvals/Specifications:**

- Turbomeca LB568:- IP3-6500
  - Dunlop PRO599 (ML-TR 100031):- IP3-6600; IP3-9IRR  
Complies with MSRR 9064; PWA 36568; CPW 714
  - Meets the performance requirements of BS2X33; Mil PRF 23377 class 1, type N ; Mil PRF 85582
  - HCP 355 – AEC's Paint Procedure
  - IP3-6500: NSN 8010-01-690-6624
  - IP3-6700: NSN 8010-01-690-6894
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**Performance:**

After 7 days air curing, or force cure 30 minutes at 125°C will pass;

- Heat resistance 48 hours at 400°F; (204°C)
  - Heat resistance 100 hours at 180°C
  - Hot oil; 8 hours in ASTM Fluid 101 (ASTM D 471) at 350°F (176°C) show no peeling or softening
  - Fuel resistance ASTM ref fuel B 4 hours at room temperature without peeling or softening
  - >2000 hours hot salt spray to ASTM B-117, unscribed
  - 1000 hours hot salt spray to ASTM B-117 scribed to metal
  - Resistant to 10 cycles 4 hours at 150°C (300°F) 20 hours in salt water fog as part of system
  - Resistant to temperatures of down to at least -40°C
  - See separate test matrix for details.
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## Components:

**Product:** IP3 Primer  
**Catalyst:** IP3-CAT  
**Thinner:** IP3-Reducer or IP-MEG-Reducer

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## Application:

### Surface Preparation:

Ensure that all surfaces are clean and free from dirt

### Paint Preparation:

- **IP3-6500/6600/9IRR:** 7 parts by volume; **IP3-CAT:** 1 part by volume
- **IP3-6700:** 6 parts by volume; **IP3-CAT:** 1 part by volume
- Can be thinned if required by the addition of up to 5% IP3-Reducer
- **Pot-Life:** not less than 4 hours at 60-80°F; (15-26°C)

#### Alternative Part B: IP3-CAT-S

- **IP3-6500/6600/9IRR:** 7 parts by volume; **IP3-CAT-S:** 1 part by volume
- **IP3-6700:** 6 parts by volume; **IP3-CAT-S:** 1 part by volume
- Can be thinned if required by the addition of up to 5% IP3-Reducer
- **Pot-Life:** 2-3 hours at 60-80°F (15-26°C)

#### Alternative Part B: IP3-FAST-CAT

- **IP3-6500/6600/9IRR:** 7 parts by volume; **IP3-FAST-CAT:** 1 part by volume
- **IP3-6700:** 6 parts by volume; **IP3-FAST-CAT:** 1 part by volume
- Can be thinned if required by the addition of up to 5% IP3-Reducer
- **Pot-Life:** 2-3 hours at 60-80°F (15-26°C)

**Allow 15 minutes dwell time then re-stir before use**

**Small Volume Mixing** – Refer to Technical Properties section to use mix by weight data.

### Application Method:

Apply by spray; DeVilbiss Transtech Compact recommended, but HVLP guns can also be used.

Refer to specific Approval Sheets; LB568/CCT6010; RPS 661/43; PRO525

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## Drying Curing:

### **Air Dry:**

#### **IP3-CAT:**

- *Touch Dry:* 45-55 minutes; *Hard Dry:* 16-24 hours

#### **IP3-CAT-S:**

- *Touch Dry:* 30-45 minutes; *Hard Dry:* 12-20 hours

#### **IP3-FAST-CAT:**

- *Touch Dry:* 20-40 minutes; *Hard Dry:* 8-16 hours

**Chemical Resistance:** Full chemical resistance is achieved after 6-7 days air drying

### **Force Cure:**

- *Flash off:* 15 minutes; *Cure:* 20-30 minutes @ 125°C (250°F)

### **Overcoating**

- Minimum drying time before over-coating, 4 hours at 18-20°C
- Coatings that are more than 4 days old may require light abrasion to ensure the full bonding of subsequent paint coats.

## Technical Properties:

<b>Supply Viscosity:</b>	1600cps @ 23±2°C, ERV 8 viscometer; No 8 Spindle
<b>Flash Point:</b>	≥21°C & ≤32°C
<b>VOC Content:</b>	<350 gms per litre mixed for application
<b>Colour:</b>	Grey or Yellow/Green. Special colours on request
<b>Pack Size:</b>	1, 2.5, and 5 litre
<b>Density:</b>	Refer to SDS section 9
<b>Gloss:</b>	Matt Primer
<b>Thinner:</b>	IP3-Reducer or IP-MEG-Reducer
<b>Solvent/Clean Up:</b>	40006 Gun cleaner
<b>Catalyst:</b>	IP3-Cat, IP3-CAT-S; IP3-FAST-CAT
<b>Theoretical Coverage:</b>	15-20 sq. metres/litre at 25-30 microns

**Mix Ratio by Weight:**

IP3-6500:IP3-CAT  
IP3-6500:IP3-Fast-CAT  
IP3-6500: IP3-CAT-S  
All variants (g) – 9.5 : 0.99

IP3-6600:IP3-CAT  
IP3-6600:IP3-Fast-CAT  
IP3-6600: IP3-CAT-S  
All variants (g) – 9.4 : 0.99

IP3-6700:IP3-CAT  
IP3-6700:IP3-Fast-CAT  
IP3-6700: IP3-CAT-S  
All variants (g) – 8 : 0.99

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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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