
Product Name:

Anti-Corrosive High Solids Low VOC 2 pk Epoxy
Primer

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.

Approvals/Specifications:

- Turbomeca LB568:- IP3-6500
 - Dunlop PRO599 (ML-TR 100031):- IP3-6600; IP3-9IRR
Complies with MSRR 9064; Def 80-161, (supercedes DTD 5555; 5580; etc); PWA 36568; CPW 714
 - Meets the performance requirements of BS2X33; Mil PRF 23377 type N
 - HCP 355 – AEC's Paint Procedure
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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

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)

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

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:

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

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:

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