

Technical Data Sheet



Product Name: 2 Component Urethane Paints & Lacquers

Product Number:

- IP37 Range
- IP-FR-37 Range (non-smoke; non-burn products)

Product Description: Reduced VOC 2 component urethane paints & lacquers , with excellent exterior durability, chemical and heat resistance allied with good flexibility and impact resistance.

Gives fast curing compared with other 2 component urethane systems.

Available in a range of colours and clear lacquers

Approvals/Specifications: Meet the requirements of EMS 26725

- Performance:**
- **Artificial Weathering (QUV Testing) (BS.3900-F16):** 500 hours; minimal colour change & loss of gloss
 - **Dry Heat (EMS 26725):** 250 hours @ 150°C (300°F); minimal colour change will withstand temperatures in excess of 200°C
 - **Salt Spray (ASTM B-117):** 1000 hours; non corrosion (applied over IP9064-6362 2 pack epoxy primer to BSX33)
 - **Alternate Immersion (BS.EN 3212):** 1500 hours; no corrosion (applied over IP9064-6362 2 pack epoxy primer to BSX33)
 - **Forward/Reverse Impact (BS.EN ISO 6272):** No cracking
 - **Scratch Resistance (BS.3900-E2):** 2000 grams; no cut through
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Components:

Product:	IP37-XXXX (Part A)
Catalyst:	IP37-CAT (Part B)
Thinner:	IP9151

Application:

2 Component product: mix as per instructions on label and product mixing sheet with IP37-CAT; Thin as required with IP-37-Reducer.

Mixed Pot Life: 2 hours

Apply by conventional; HVLP or compliant spray guns; typically DeVilbiss Advance HD or SATA Jet 400 B RP

Dependent upon substrate, apply over IP9064/IP3 epoxy primer or IP37-primer/surfacers

Application Specification: Refer to Indestructible sheet reference IPAS-0037

Surface Preparation:

Ensure that all surfaces are clean and free from dirt

Paint Preparation:

Mixing Instructions: Allow 15 minutes after use before use and re-stir before using, the mixed pot list is 4 hours.

Application Method:

Apply by spray; it is recommended that the latest quality compliant spray to allow for best transfer efficiency and atomisation. Can however be applied through conventional or HVLP guns.

Drying Curing:

Air Dry:

- *Touch Dry:* 30-45 minutes
- *Hard Dry:* 16-24 hours

Heat Cure:

- *Flash off:* 30 minutes
- *Cure Cycle:* 30-45 mins @ 60-80°C (140-160°F)

Technical Properties:

Supply Viscosity:	60-70, ISO5, 23+/- 2°C
Flash Point:	24-27°C
VOC Content:	614 g/l
Colour:	Available in a Selection of Colours.
Pack Size:	1 & 5 Litre

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Density:	0.93-1.06kg/l
Gloss:	Available in Various Gloss Levels
Thinner:	RFU, If Further Thinning Required, Can Use IP9151
Solvent/Clean Up:	665-550-025
Catalyst:	IP37-CAT
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 Sheets

Disclaimer:

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Safety Data Sheets:

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