
Product Name:**Fluorescent Coating Scheme**

Product Number:

Base: IP33-033 White
Fluorescent: IP33-xxxx
Clear: IP37-Clear

Product Description:

A 3 coat system to provide bright fluorescent colours, linked to chemical and weather resistance.
The system requires a white base coat; IP33-033 can be used for plastic or suitably primed substrates.
The Fluorescent intermediate coat is available in a range of colours, and provides a bright “glowing” colour which allows for rapid recognition of safety critical components or handles.
The top coat, IP37-clear provides UV and mar resistance to system.

Performance:

Designed for interior or exterior use. For external applications the use of the IP37-Clear protective clear coat is required to prevent dirt build up on the fluorescent coating that will degrade performance.

Components:

Base Coat: IP33-033: 1 pack acrylic basecoat white
Fluorescent Coat: IP33-1952 1 pack acrylic fluorescent orange
IP33-1953 1 pack acrylic fluorescent red
IP33-1954 1 pack acrylic fluorescent yellow
**Thinners for base/
fluorescent coats:** Acri-Thin
Clear Coat: IP37-Clear + IP37-CAT + IP37 Reducer

Application:**Surface Preparation:**

Ensure all surfaces are clean and free of dust/dirt.

Thermoplastics: Degrease/De-Stat with Isopropanol
Composites: Prime with composite primer (IP3-00015)
Steel & Aluminium: Grit blast with 120/220 aluminium oxide grit
Prime with 2K epoxy primer, chromated or chrome free (IP3-6362 or IP3-6700)

Paint Preparation:

Thoroughly stir all components before use.

Base Coat: Mix in the ratio 2 parts IP33-033 to 1 part Acri-Thin thinners by volume.

Fluorescent Coat: Mix in the ratio 2 parts IP33-1952 or IP33-1954 to 1 part Acri-Thin thinners by volume.

Clear Coat: Mix in the ratio 5 parts IP37-Clear to 2 parts IP37-CAT catalyst by volume: thin as required with 5-10% IP37-Reducer.

Allow 15 minutes induction time, then re-stir before use.

Application Method: Drying/Curing

This system is designed for spray application using conventional or HVLP air atomizing spray guns. It is recommended that latest generation "compliant" spray guns are used to provide the best finish with minimal orange peel. Other methods may be employed subject to end user evaluation and approval for specific components.

Base Coat: Apply 2 coats wet on wet with 2 minutes flash off between coats. Allow to air dry for 1 hour prior to overcoating with IP33-xxxx fluorescent coat. Alternatively flash off for 10 minutes then force dry for 20 minutes at 60-80°C.

Fluorescent Coat: Apply 2 coats wet on wet with 2 minutes flash off between coats. Allow to air dry for 1 hour then repeat the process as required to achieve required opacity. Allow to air dry for 4 hours prior to over coating with IP37-CLEAR. Alternatively flash off for 10 minutes then force dry for 20 minutes at 60-80°C.

Clear Coat: Apply 2 coats wet on wet with 2 minutes flash off between coats. Allow 30-45 minutes flash off then air dry 24 hours for packing or assembly. Alternatively, after flash off, force dry for 30-45 minutes at 60-80°C to achieve hardness.

Technical Properties:

	IP33-033	IP33-1952/3/4	IP37 Clear
Supply Viscosity: (ISO 5 cup @23±0.5°C)	100-110"	60-65"	60-70"
Flash Point:	>22°C;<32°C	>22°C;<32°C	>22°C;<32°C
VOC Content:	528gm/l	550-560gm/l	404gm/l mixed
Colour:	White	orange/red/yellow	clear
Density:	1.321kg/l	0.950-0.975kg/l	1.026kg/l mixed
Gloss:	matt	matt	full

Technical Data Sheet



Thinner:	Acri-Thin	Acri-Thin	IP37-Reducer
Solvent/Clean Up:	Acri-Thin	Acri-Thin	IP37-Reducer
Catalyst:	N/A	N/A	IP37-CAT
Theoretical Coverage:	15m ² /l	10-12m ² /l	20m ² /l

Storage:

Highly flammable liquids: 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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