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**Product Name:****Luminous coating scheme**

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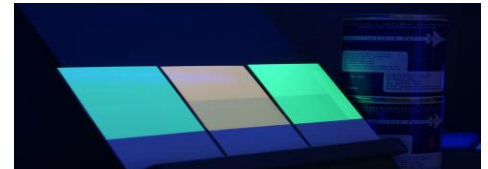
**Product Number:****Base:** IP33-033 White  
**Luminescent:** IP 1692  
**Clear:** IP37-Clear**Product Description:**

A 3 coat system with maximum luminosity and weather fastness.

The system requires a white base coat; IP33-033 can be used for plastic or suitably primed substrates.

The luminous coating, product code IP1692 is applied over the dried/cured basecoat. This has an 8 hour after glow.

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 Luminous coating that will degrade performance.

**Components:****Base Coat:** IP33-033: 1 pack acrylic basecoat white  
**Luminous Coat:** IP1692: 1 pack acrylic Luminous  
**Thinners for base/  
luminous 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  
Primer with 2K epoxy primer, chromated or chrome free (IP3-6362 or IP3-6700)

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## 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.

**Luminous Coat:** Mix in the ratio 2 parts IP1692 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 IP1692. Alternatively flash off for 10 minutes then force dry for 20 minutes at 60-80°C.

**Luminous 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 until 150 microns is achieved. 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.

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## Technical Properties:

	IP33-033	IP1692	IP37 Clear
<b>Supply Viscosity: (ISO 5 cup @23±0.5°C)</b>	100-110"	60-70"	60-70"
<b>Flash Point:</b>	>22°C;<32°C	>22°C;<32°C	>22°C;<32°C
<b>VOC Content:</b>	528gm/l	606gm/l	404gm/l mixed
<b>Colour:</b>	White	pale yellow/green	clear

# Technical Data Sheet



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<b>Density:</b>	1.321kg/l	1.072kg/l	1.026kg/l mixed
<b>Gloss:</b>	matt	matt	matt
<b>Thinner:</b>	Acri-Thin	Acri-Thin	IP37-Reducer
<b>Solvent/Clean Up:</b>	Acri-Thin	Acri-Thin	IP37-Reducer
<b>Catalyst:</b>	N/A	N/A	IP37-CAT
<b>Theoretical Coverage:</b>	15m <sup>2</sup> /l	2-3m <sup>2</sup> /l	20m <sup>2</sup> /l

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## 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:

For Safety Data Sheets please contact our Sales Department:

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