

*Product Data Sheet*

Last update: September 2021

|                                    |  |
|------------------------------------|--|
| <b>Description</b>                 | High gloss alkyd finishing coat.   |
| <b>Principal Characteristics</b>   | Has good decorative appearance<br>Can be applied over intact paints<br>Has good flexibility and color retention<br>Good weather resistance<br>Good resistance to salt water and mineral oils |
| <b>Recommended use</b>             | As a general purpose finishing coat on exterior and interior steelwork, woodwork, in moderately corrosive environment and industrial or marine atmosphere                                    |
| <b>Specification data on 20 °C</b> |  |
| Gloss                              | High gloss   |
| Colour                             | White, Black and see colour card   |
| Specific gravity                   | 1.00 ± 0.15 [g/mL]   |
| Solids by volume                   | 50 ± 2%  |
| Recommended                        | Dry film thickness : 35 microns<br>Wet film thickness : 70 micron  |
| Coverage theoretical               | 14,3 m <sup>2</sup> / litre - 35 micron  |
| VOC                                | 453 g/litre  |
| Drying time                        | Touch dry : 3 hours<br>Hard dry : 16 hours   |
| Full cure                          | -  |
| Painting interval                  | Min : 16 hours ; max : unlimited   |
| Shelf Life                         | 12 months (cool and dry place)   |
| Flash point (DIN 53213)            | 30 °C  |
| Service Temperature                | Continuous : 60 °C<br>Periodic : 80 °C   |
| Surface Preparation                |  |

| Substrate                    | Recommended  |
|------------------------------|--|
| The surface to be overcoated | Should be clean, sound, smooth, dull and dry before paint is applied. Remove any oil, dust, and stain, dirt, meld and mildew |

Application instruction      Suitable Preceding coat : SIMARINE Z/P PRIMER and SIMARINE UNDERCOATING RP, or according to specification.

| Condition             | Recommended                             |
|-----------------------|---|
| Temperatur            | Min 10°C, Max 50°C                      |
| Relative humidity     | 85%                                     |
| Substrate temperature | should be at least 3°C above dew point. |
| Cleaning Solvent      | Sima Thinner 42-00                      |

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| Method of application | Thinner  | Nozzle Orifice   | Nozzle Pressure    |
|-----------------------|----------|------------------|--------------------|
| 1. Airless spray      | Max 10 % | 0.017" (0.43 mm) | 150 Bar / 2100 psi |
| 2. Air Spray          | 5 – 15 % | 2 mm             | 4 bar / 57 psi     |
| 3. Brush              | Max 5 %  | -                | -                  |

**Packing and size instruction**

Packing size : 5 and 20 litres

Storage The product must be storage in accordance with national regulation. Preferred storage condition are to keep the containers in the dry space provided with adequate ventilation. The containers should be sealed tightly.

**Safety Precaution**

Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing. Do not breathe the vapour or spray. This product is flammable. Keep away from sources of ignition. Do not smoke.

HEALTH AND SAFETY: For detailed information on the health and safety hazards and precaution for use of this product, please see the SAFETY DATA SHEET (SDS).

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