



**RSI**  
INDUSTRIAL  
PAINTS Inc.

## ENAMEL ACRYLIC RAC-310

### PRODUCT DESCRIPTION

**RAC-310** is enamel acrylic paint, It dries to a non-yellowing and glossy coating with low dirt pick-up, good weathering properties, and high gloss retention. Especially suited for application by airless spray. The product is used for prefabricated structures, electric poles, metal barrels.

**Recommended uses** is for finishing coat for interior and exterior, in moderately corrosive environments.

### PHYSICAL PROPERTIES

|                            |  |
|----------------------------|--|
| Colors/Shade No            | White/ Ral No  |
| Finish                     | Gloss  |
| Volume Solid               | 40 ± 2%  |
| Theoretical spreading rate | 10 m <sup>2</sup> /L @ 40 mic. Dft.  |
| Specific gravity           | 1.2±0.1 kg/liter   |
| V.O.C.                     | Max. 140 gr/liter  |
| Shelf life                 | 1 Year (25°C) from time of production. Storage environment should be ventilated and away from sunlight and high temperature (above 30 ° C). Depending on storage condition, mechanical stirring may be necessary before usage. |

### APPLICATION

|                               |   |                  |
|-------------------------------|---|------------------|
| Conditions                    | Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3 °C above the dew point. |                  |
| Method                        | Airless sprays  | Brush (touch-up) |
| Thinner (max. vol.)           | RTH-102 (5%)  | RTH-102 (10%)    |
| Tip size                      | 0.015" – 0.019"   |                  |
| Tip pressure                  | 130 bar / 1900 Psi  |                  |
| Cleaning of tools             | RTH-102   |                  |
| Indicated film thickness, dry | 30-50 micron  |                  |
| Indicated film thickness, wet | 75-125 micron   |                  |

### DRYING AND CURING TIMES

|                    |        |
|--------------------|--------|
| Curing temperature | 160 °C |
| Curing time        | 15 min |
| Dry to recoat      | 15 min |

### APPLICATION CONDITIONS

|                     |  |
|---------------------|--|
| Surface preparation | Surface temperature must be above 10°C during application and curing. To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point. The surface must be clean before overcoating. |
|---------------------|--|

### REMARKS

|                 |   |
|-----------------|---|
| Subsequent Coat | Another layer of RAC-310 required.  |
| Film thickness  | May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating intervals. |
| Thinning        | The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. RTH-102 is recommended in general.                      |

### SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult RSI material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek

medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

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Product data sheet RAC-310

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