



**RSI**  
INDUSTRIAL  
PAINTS Inc.

## ACRYLIC WATER BASED PRIMER RAC-102

### PRODUCT DESCRIPTION

**RAC-102** is a physically drying coating based on acrylic resin, to use directly on asphalt, plaster and concrete. It dries very fast and causes no bleeding. It forms a tough film, resistant to wear and impact. It is washable and has very low dirt pick up property.

**Recommended use** for on masonry, plaster, asphalt, drywall, and concrete.

### PHYSICAL PROPERTIES

Colors/Shade No	White/ Ral No
Finish	Semi flat
Volume solid	49±2% (Depends on color)
Flash point	None
Density	1.02±0.05 kg/liter
V.O.C.	None
Shelf life	2 Years (25°C) from time of production. Storage environment should be ventilated and away from sunlight and high temperature (above 30 ° C).

### APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.		
Method	Air spray	Roller	Brush
Thinner (max. wt.)	Clean Water (20-35%)	Clean Water (15-20%)	Clean Water (20-25%)
Tip size	1.8-2 mm		
Tip pressure	3-4 atm		
Cleaning of tools	Water		
Indicated film thickness, dry	80-150 microns (Depend on require)		

### DRYING AND CURING TIMES

Condition	Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.
Surface temperature	25 °C
Surface drying	1 hour
Deep drying	3 hours
Full drying	16 hours
Recoat interval, min	6 hours

### APPLICATION CONDITIONS

Surface preparation	All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000. Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning. Strict adherence to all cleanliness standards is essential for application of water based coating. Use sand paper (p-220) for surface preparation.
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### 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.

### RSI Co.

Product data sheet RAC-102  
July 2022

