

# HI-BUILD<sup>®</sup> ROOF COAT

## PRODUCT DESCRIPTION

Extremely durable weather resistant, self-priming acrylic resin based, water borne topcoat with a matt finish.

## PRODUCT FEATURES

- Excellent adhesion and weathering properties.
- For use on plaster, concrete, wooden, and terrazzo roof tiles.
- Elastomeric, water, and weather resistant.
- Lowers roof and interior temperature.
- Very low VOC content.

## TECHNICAL INFORMATION

Color	White and other colors on request.
Finish	Silk
Generic Type	Acrylic Emulsion
Elongation	> 100 psi (ASTM D- 2370)
Vol. Solid	42 % ± 2
Spreading Rate	0.5 – 0.8 kg / m <sup>2</sup> (10.8 sq. Ft) per coat or .074 kg / sq.ft.
Recoating Time	24 hrs.
Thinner / cleaner	Clean water
Weight / Liter	1.15 – 1.20
Flash Point	None
Further coat	Coat on coat.
Packing size	4L & 16 L

## SUBSTRATE PREPRATION:

- All dust and friable materials and glaze or varnish of tiles must be completely removed by mechanical means. Existing coatings/membranes have to be inspected, cleaned,
- and mechanically ground to achieve a sound, gripping substrate. In case of bad adhesion to the substrate, existing coatings have to be removed.



**PRIMAX**<sup>TM</sup>  
**PAINTS**

- All new cement sand renderings, concrete surfaces should be allowed to age for minimum of 28 days before coating.
- All uneven surfaces should be properly treated by suitable material to get a plain surface.

### **FILM THICKNESS:**

340- 360 $\mu$  (DFT) per coat, minimum three coats recommended for optimum performance.

### **CONSUMPTION:**

8 – 10 m<sup>2</sup> per liter per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)

### **APPLICATION PROCESS:**

For the first coat, thin the primer in 1:1 ratio with clean water and apply with brush in such a way that the paint can penetrate small pores to make it completely waterproof. Then apply as following:

- Before the next coats are to be applied, please make sure all the small pores are filled with the paint layer properly.
- For 2<sup>nd</sup> and 3<sup>rd</sup> coats, thin the roof coat and apply with roller in a cross hatch pattern resulting in a total dry film thickness of 1mm.
- Interval between coats 8 to 12 hours.
- Late afternoon application is not recommended if high humidity conditions exist, as that could cause high moisture concentration in the surface overnight.
- Do not apply when the surface or air temperature is below 50°F (10°C) or if rain, snow or heavy dew is expected within 48 hours.

### **HEALTH AND SAFETY**

Ensure proper ventilation during the application and drying of the paint. Avoid inhalation of paint mist and vapors and skin contact. Spillage of paint on the skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.

