



# ACRISTAR CENTURY

A Single Pack Acrylic Resin Waterbase Topcoat



Acristar Century is a single pack acrylic resin waterbased topcoat. It can be used not only as decorative coating for exterior wall, but also as topcoat for multi-layer coating which provides low VOC content, good alkali and weathering resistance, good adhesion and easy application onto varies kind of substrates.

## FEATURES

- Excellent workability & Easy application
- Quick drying
- High adhesive strength
- Excellent hiding power
- Strong weather resistance
- Excellent resistance to alkali and acid
- Super mildew and algae resistance
- Environmental friendly (Low VOC content)



## STANDARD APPLICATION SPECIFICATION

(20°C, RH65%)

Process	Material	Dilution ratio (wt.%)	Consumption (kg/m <sup>2</sup> )	No. of coat	Interval (hrs)			Remarks
					In process	In processes	Final curing	
Surface treatment	Dry surface thoroughly to bring moisture content to a maximum of 10% and pH to 10 or less. Completely remove any dirt, dust, and remedy unevenness, irregularities and scratches.							
1. Under-coat	BIOFINE SEALER	100	0.08 - 0.15	1	-	Over 2	-	Roller, Brush, Airless spray gun Discharge : 600-1000ml/min. Pattern width : 25-30cm
	Water	0-20	-					
2. Top-coat	ACRISTAR CENTURY	100	0.15 - 0.20	2	Over 2	-	Over 24	Roller, Brush, Airless spray gun Discharge : 600-1000ml/min. Pattern width : 25-30cm
	Water	0-10	-					

### PRECAUTIONS

1. For application on ALC panel, porous surface, rough surface, prepare the surface with SK TILE FILLER.
2. For PC panels and GRC panels, use SK #1000 PRIMER as undercoat.
3. The consumption of BIOFINE SEALER changes depending on the condition of substrate. In case of uneven surface, the consumption shall be 0.20 - 0.30 kg/m<sup>2</sup>.
4. The dilution ratio of undercoat is 10-20 wt% for spray application and 0-10 wt% for roller and brush application.
5. The dilution ratio of topcoat is 5-10 wt% for spray application and 0-5 wt% for roller and brush application.
6. Decide the dilution ratio of the topcoat by mock-up sample at site. Keep the same dilution ratio for the same project. The dilution ratio may vary depending on the colour and temperature at the time of application.
7. Avoid application at a temperature of 5°C or less and humidity of 85% or more. If not possible, make the temperature of atmosphere and the wall surface above 5°C by heating up or using protection.
8. Store materials in a warehouse away from direct sunlight and freezing temperature.
9. Mix materials well with power mixer before use.

### AVAILABLE SUBSTRATES

Concrete, cement rendering, PC panel, GRC panel, repainting for old paint films, etc.

### PACKING STYLE

ACRISTAR CENTURY  
BIOFINE SEALER

20 ltr/can (Approximate Coverage: 120 m<sup>2</sup>/can)

20 ltr/can (Approximate Coverage: 300 m<sup>2</sup>/can)

### CERTIFICATE





ACRISTAR CENTURY

## PERFORMANCE SPECIFICATION

Test Items	Results
Condition in container	When agitated, absent of lumps and evenly mixed
Graining ( $\mu\text{m}$ )	28 $\mu\text{m}$
Admixture	Evenly mixed consistency
Drying Time (h)	35 minutes
Film appearance	When observing the painted surface, the flatness was good, and there was no graining, wrinkles, unevenness, blisters, holes or peelings
Flexibility	No cracking and peeling was observed withstanding the flexure steer caused by a mandrel with 10mm diameter
Cross cut test	25 out 25 squares are free from peeling
Impact	When dropping a 300 g weight from the height of 500 mm, the impact film surface had no cracks and peelings
Accelerated weather	No cracking and peeling was occurred, the discolouration in Grey scale is Grade 5 (5 is the highest grade)
Resistance to fungal growth (BS 3900)	Rating is 0 in BS 3900: Part G6:1989, no fungal growth
Quantifying dirt collection	Total dirt: 93.25% Imbedded dirt: 94.65%



For further enquiries and assistance, please call:

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