

PUFFIN STUCOAT CLEAR

Two components aliphatic polyurethane clear coat finish for Clear finish in Stucoat coatings system with high gloss / doff finishing. This product has very good weather and chemical resistant, suitable for high traffic top coat in atmospheric environments.

1. Properties.

COLOR	Clear
GLOSS LEVEL	Gloss (75-85) DOFF (0-35)
FILM THICKNESS, DRY (μm)	10-20 (vertikal) / 17.5-34.5 (horizontal)
FILM THICKNESS, WET (μm)	24-45 (vertikal) / 35-75(horizontal)
THEORETICAL SPREADING RATE (M^2/L)	46-239 (vertikal) / 26-13 (horizontal)
SOLIDS (VOL %)	46 \pm 2
DENSITY (g/cm^3)	1
FLASH POINT	26 $^{\circ}\text{C} \pm 2\%$
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended

As top coat for Stucoat coatings system. Stucoat wash, Stucoat Marmocer, Stucoat Venesia, Stucoat Traventine

3. Usage

1) Surface preparation:

To secure adhesion to the subsequent product, all surfaces shall be clean, dry and free from any contamination. Oil or grease should be removed.

2) Substrate Minimum Recommended :

For coated substrate : Clean, dry, free for any contaminations and undamaged compatibility coatings



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3) Application:

Airless spray, air spray, brush, roller
Spray : Pressure at nozzle (minimum): 150 bar/2100 psi. Nozzle tip (inch/1000): 11-17
Filter Check to ensure that filters are clean.

Brush : For stripe coating and small areas.
Care must be taken to achieve the specified dry film thickness.

Roller : Use 2mm foamed roller ,5 mm natural hair rollers. Care must be taken to achieve the specified dry film thickness.

4) Mixing ratio

Base A :	2
Base B :	1
Induction	10 min
Pot life	3 Hour
Cleaning and tinning	Puffin PU thinner
Tinning max	30 %.

5) Drying and Curing time:

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.

Walk-on-dry:

Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Surface (touch) Dry:

The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Dried /Cured for service:

Minimum time before the coatings can be permanently exposed to the intended environment /medium.



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3) Storage :

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. Shelf life at 23 °C : 48Month(s)

5. Packing :

1 L , 5 L & 20 L Set