

PUFFIN STONECOAT ACRYLIC

One component synthesis acrylic coating. This product can be use as top coat or single coat in exterior normal atmospheric environments. This product is suitable for concrete /stone substrates

1. Properties

COLOR	Clear(gloss /doff), black (gloss / doff), transparent iron oxide colour
GLOSS LEVEL	Gloss (>85)
FILM THICKNESS, DRY (µm)	20-30
FILM THICKNESS, WET (µm)	60-100
THEORETICAL SPREADING RATE (M ² /L)	6-8m ²
SOLIDS (VOL %)	30± 2
DENSITY (g/cm ³)	0.92
FLASH POINT	32°C ± 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended Concrete /stone substrate

3. Usage

1) Surface preparation: For lasting adhesion to the subsequent product, all surfaces must be clean, dry and free from any contamination. Oil or grease should be removed.

2) Substrate Minimum Recommended : The surface should be assessed and treated in accordance withSubstrate minimum recommended for concrete: Min Age of concrete 1 months with PH<9, Moisture content < 17 %. Clean, dry and free from any contamination



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Coated substrate:	Clean ,dry , free for any contaminations and undamaged compatibility coatings
3) Application:	<p>Airless spray, airspray, brush, roller</p> <p>Spray: Pressure at nozzle (minimum): 150 bar/2100 psi, Nozzle tip (inch/1000): 18~21 Filter Check to ensure that filters are clean.</p> <p>Brush : For stripe coating and small areas.</p> <p>Care must be taken to achieve the specified dry film thickness.</p> <p>Roller: May be used for small areas. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness</p>
4) Dilution:	Thinner hg
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.
Dry to over coat, minimum:	The shortest time allowed before the next coat can be applied

Surface (touch) Dry:

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

SUBSTRATE TEMPERATURE (°C)	5	10	23	40
SURFACE DRY (hours)	10	6	3	1
DRY ON WALK (hours)	20	10	5	3
Dry to over coat, minimum (hours)	12	6	3	1

6) Heat resistance

Temperature

Continuous

Peak

Dry atmospheric

120°C

140°C

Peak temperature duration max. 1 hour.

The temperatures

listed relate to retention of protective properties. Aesthetic properties may suffer at these temperatures.

7) Product compatibility :

Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product.

Some examples are shown below

Previous coat:

Acrylic, PU

Subsequent coat:

Acrylic, PU

4. Precaution

1) Ensure to clean the surface before application.

2) Health and safety :

Please observe the precautionary notices displayed on the container.



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Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

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 :

1L, 2.5L & 20 L