

PUFFIN ACRYLIC TOUCH UP

Is one component acrylic coating with matt finishing. This product can be use as top coat or single coat to metal in atmospheric environments. It can be applied at sub zero surface temperatures.

1. Properties

COLOR	Puffin Colour Card
GLOSS LEVEL	Gloss (0-85)
FILM THICKNESS, DRY (μm)	75-120
FILM THICKNESS, WET (μm)	140-240
THEORETICAL SPREADING RATE (M^2/L)	7-4.5
SOLIDS (VOL %)	50 \pm 2
DENSITY (g/cm^3)	1.1
FLASH POINT	25°C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

Recommended

For refineries, power plants, bridges and buildings.
Suitable for a wide range of industrial structures.

3. Usage

1) Surface preparation:

To secure lasting 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 :

The surface should be assessed and treated in accordance with Substrate Minimum Recommended:

For Alumunium : Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile.

Galvanised steel: The surface shall be clean, dry and appear with a rough and dull profile.

For carbon steel and shop primer substrate : Sa 2½
(ISO 8501-1)

For coated substrated : clean ,dry , free for any
contaminations and undamaged compatibility

3) Application:

Airless spray, airspray, brush, roller

Spray; Recommended : Pressure at nozzle (minimum):
150 bar/2100 psi

Nozzle tip (inch/1000): 17/23

Filter Check to ensure that filters are clean.

Brush, Recommended for stripe coating and small
areas. Care must be taken to achieve the specified dry
film thickness.

Roller: May be used for small areas. Not
recommended for first primer coat. Care must be
taken to achieve the specified dry film thickness.

4) Dillution :

Puffin 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.

SUBTRATE TEMPERATURE (°C)	-5	0	5	10	23	40
SURFACE DRY (min)	30	20	17	15	10	10
DRY ON WALK (hours)	20	20	17	11	10	6
Dry to over coat, minimum (hours)	4	4	3	2.5	2	1.5

6) Heat resistance

Temperature :

Continuous

Dry :atmospheric

60°C

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:	Epoxy, zinc epoxy, acrylic, shop primer
Subsequent coat:	Acrylic

4) Precaution

- a. Ensure to clean the surface before application.
- b. Health and safety : Please observe the precautionary notices displayed on the container. 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.
- c. 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 : 5 & 20 L

