



PUFFIN UV COAT

Is one component special Acrylic coating. This product has high gloss retention and temperature resistant up 300 celcius degree and also the colour will light up when exposed to uv light. Suitable for pcb board electric panel and other electric panel .

1. Properties

COLOR	Transparent clear and fluorescent colour
GLOSS LEVEL	gloss(75-85)
FILM THICKNESS, DRY (μm)	30-40
FILM THICKNESS, WET (μm)	100-200
THEORETICAL SPREADING RATE (M^2/L)	5-10
SOLIDS (VOL %)	38% +/- 2
DENSITY (g/cm^3)	0.95
FLASH POINT	30°C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

Suitable for

PCB board and other substrate exposed to uv light

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 new or coated pcb board substrate :
clean ,dry , free for any contaminations and undamaged compatibility coatings

3) Application:

Airless spray, Airspray, brush, roller

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

Nozzle tip (inch/1000): 13-19

Filter Check to ensure that filters are clean.

4) Mixing ratio :

Single Thinning 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.

SUBSTRATE 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) 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.

Subsequent coat: Polyurethane, Acrylic

4. Precaution

- 1) Ensure to clean the surface before application.
- 2) 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.
- 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 : 24 Month(s)

5. Packing

1 L & 5 L & 20 L

