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PUFFIN ART CLEAR TEXTURE

Two components aliphatic polyurethane clear coat with high gloss / doff finishing. This product has very good weather and chemical resistant, suitablecfor 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 (vertical) / 17.5-34.5(horizontal)
FILM THICKNESS, WET (µm)	24-45(vertical) / 35-75(horizontal)
THEORETICAL SPREADING RATE (M^2/L)	46-239 (vertical) / 26-13 (horizontal)
SOLIDS (VOL %)	46± 2
DENSITY (g/cm^3)	1
FLASH POINT	26ºC ± 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended — As topcoat for decorative coatings system (Puffin Art Texture, Art texture Multicolour, Artstone

3. Usage

1) Surface preparation: — 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 from any contaminations and undamaged compatibility coatings

3) Application:	Airless spray, airspray, 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.

SUBTRATE TEMPERATURE (°C)	5	10	23	40
SURFACE DRY (minute)	4	4	3	2
DRY ON WALK (hours)	12	8	2	2
Dry to over coat, minimum (hours)	12	8	2	2
Dried / Cured for service (days)	21	14	7	4

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: Epoxy primer/ epoxy zinc rich primer / zinc ethyl silicate

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 : 48Month(s)

5. Packing : 1 L , 5 L & 20 L Set