



PT. IndowijayaSaktiTeguh

Jl. Pangeran Jayakarta 121/3-4, Jakarta Pusat

www.puffinpaint.com Telp : 021- 62313238

PUFFIN WHITEBOARD

Two component aliphatic polyurethane coatings with high gloss finishing. This product has good weather and chemical resistant, suitable for white board coating

1. Properties

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

2. Characteristics

Recommended

Steel, ABS plastic, HDPE plastic, wood, galvalum ,
aluminium, stainless steel substrates

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 carbon steel substrate : Sa 2½ (ISO 8501-1)

For concrete : Min Age of concrete 1 months with PH<9 , moisture content < 17 %. Clean ,dry and free from any contamination

For wooden substrate : Clean and dry surface. Surface contamination is to be removed by detergents and fresh water cleaning.

For Stainless steel: Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2) Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2)

For Aluminium: The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface. Dry abrasive blast cleaning to SSPCSP 13/NACE No. 6.

For Galvanised steel: The surface shall be clean, dry and appear with a rough and dull profile. Light brush blasting using nonmetallic abrasive leaving a clean, rough and even pattern. Coated surfaces Clean, dry and undamaged compatible coating (ISO 12944-4 6.1) Clean, dry and undamaged compatible coating (ISO 12944-4 6.1)

For stone : Clean ,dry and free from any contamination .

For ABS Plastic: Clean ,dry and free from any contamination

For coated substrated : 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): 11-17

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 recommended : 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 : 4
 Base B : 1
 Pot life 2 Hours
 Cleaning and tinning use Puffin PU thinner Max 20 %.

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

SUBSTRATE 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 1hour.

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)

Packing size:

1 L , 5 L & 20 L SET

