



PT. Indowijaya Sakti Teguh

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

www.puffinpaint.com Telp : 021- 62313238

PUFFIN PRIMER TEXTURE

Is environment friendly acrylic primer paint. This product can resist alkali and moisture and also brings good adhesion between topcoat and substrate for extreme area such as new concrete below 1 month. Suitable for building at sea area, buildings on the plateau or mountain area.

Features

- Water based
- Low VOC
- Formaldehyde Free
- Heavy Metal Free
- APEO Free
- Carbendazim free
- Excellent adhesion in extreme area
- Low odor
- Alkali, chalk and water resistant
- Environment friendly

Recommended use

Use as foundation layer for Puffin Art Texture, Multicolour Texture and Art Stone coatings system

Film thickness and spreading rate	Min	Max	Typical
Film thickness, dry (um)	25	30	28
Film thickness, wet (um)	59	83	71
Theoretical spreading rate (m ² / l)	16.9	12	14.1

Physical properties

Color	White
Solids (Vol %)*	42+/-2
Flash point	Nonflammable



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Water resistant

Very good

Sanding properties

Excellent

*Measured according to ISO 3222:1998(E)

Performance Guide

Gloss Level Indicator

Gloss

VOC Properties

<60 g/L untinted

Weather

Excellent when used as part of approved system

Heat Resistance

Softens at temperatures above 70°C

Water Resistance

Excellent when topcat with approved top coat paint.

Abrasion Resistance

Good when top coat

Solvent Resistance

Sensitive to aromatic hydrocarbons, alcohols and ketones.

Application methods

Roller

Recommended

Brush

Recommended

Spray

Use airless spray or conventional spray

Application data

Mixing ratio (volume)

The paint is ready to use after proper stirring. If thinning is required clean water may be added up to a maximum of 5 %



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Guiding data airless spray

Pressure at nozzle	140-190 kg/cm ² (2100psi)
Nozzle tip	0.021"-0.027"
Spray angle	65'-80'
Filter	Check to ensure that filters are clean
Drying time	Drying time are generally related to air circulation, temperature, film thickness, and number of coats, and will be affected correspondingly.

The figures given in table are typical with:

- Good ventilation (outdoor exposure of free circulation of air)
- Typical film thickness
- One coat on top of inert substrate
- Relative humidity 70 %

Substrate temperature	10°C	23°C	40°C
Surface dry	2h	1 h	0.5 h
Through dry	8h	6h	4h
Dry to recoat minimum 1	4h	2h	1h

Dry to recoat minimum 2, 3

1. Recommended data given for recoating with the same generic type of paint
2. In case of multi coat application, drying time will be influenced by the number and sequence and by total thickness of previous coats applied-reference is made to corresponding system data sheet
3. The surface should be dry and free from any contamination prior application of subsequent coat

The given data must be considered as guidelines only, the actual of drying time /time before recoating may be shorter or longer depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameter and special condition could be included.



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Typical paint system	Exterior & interior
Puffin Primer Texture	1 coat
Puffin Basecoat ELS	1 coat
Puffin Art Texture, Texture Multicolour or Art stone	1 coat
Puffin Art Clear Texture Gloss / Doff	1 Coat
	Other system may be specified depending on area of use
Surface Preparation	All surfaces must be thoroughly cleaned and free of all dirt, dust, grease, loose or flaking paint. Efflorescence or mold on masonry or concrete surfaces must be treated. Occasionally an apparently sound old paint will lose adhesion when recoated, particularly if the new paint is darker in color. To avoid this, check the adhesion of the old paint by cutting an 'X' through a clean area of the film with a sharp blade, press cellulose tape firmly across the cut and rip it off. If the old paint comes off with the tape it should be removed before repainting.
Clean Up	Clean all equipment with water
Condition during application	Apply at a temperature between 10°C and 35°C, Temperature of substrate should be minimum 3°C above the dew point of the air, the temperature and relative humidity should be measured in vicinity of substrate
Storage	The product must be stored in tightly closed container and keep container in dry cold, well ventilation space, away from source of heat and ignition.
Handling	Handle with care, stir well before use
Packing size	2.5 Liters & 20 Liters
Technical Data Sheet	