



www.puffinpaint.com

PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4

Telp : 021- 62313238

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PUFFIN PRIMER SOLVENT BASED

PUFFIN PRIMER SOLVENT BASED is an environment friendly low VOC piolet acrylic primer paint. This product resist alkali and moisture, and also brings good adhesion between topcoat and extreme substrate condition with high PH of substrate, extreme area such as buildings at sea area or on top of the plateau, high rise buildings, buildings at humidity and rain fall very high area, underground wall and concrete with a tendency to get water seepage.

Features

- Solvent based
- Low VOC
- Excellent adhesion for extreme area
- Medium odor
- Excellent opacity, flow and sealing
- Water, chalk and alkali resistant
- Environment friendly

Recommended use

As foundation layer before topcoat Puffin Guard, Alkyd or Acrylic Paint

Suitable for new or painted exterior concrete masonry, plaster also brick work

Film thickness and spreading rate	Minimum	Maximum	Typical
Film thickness, dry (um)	30	40	35
Film thickness, wet (um)	90	120	105
Theoretical spreading rate (m ² /l)	11.5	8.5	10



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Physical properties

Color	White
Solids (Vol %)*	34+/-2
Flash point	Nonflammable
Water resistant very	Good
Sanding properties	Excellent

*Measured according to ISO 3222:1998(E)

Performance Guide

Gloss Level Indicator	Matt
VOC Properties	<100 g/L untinted
Weather	Excellent when used as part of approved system
Heat Resistance	Softens at temperatures above 50°C
Water Resistance	Excellent when topcoat with approved top coat paint.
Abrasion Resistance	Good when top coat

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 thinner may be added up to a maximum of 10 %
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Thinner/ cleaner

Puffin thinner

Guiding data airless spray

Pressure at nozzle

140-190 kg/cm² (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 (exterior exposure)
- Typical film thickness
- One coat on top of inert substrate
- Relative humidity 70 %

SUBTRATE TEMPERATURE (°C)	5	10	23	40
SURFACE DRY (hours)	10	6	3	1
DRY ON WALK (hours)	20	10	5	3
Dry to over coat, minimum (hours)	12	6	3	1

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



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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.

Typical paint system	Exterior
Puffin primer solvent base	1 coat
Puffin guard/Puffin alkyd/puffin acrylic	2 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 puffin primer thinner
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 & 20 L
Technical Data Sheet	