



[www.puffinpaint.com](http://www.puffinpaint.com)

PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4

Telp : 021- 62313238

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## NUCOLOUR EXTERIOR

NuColour Exterior paint is a low odour and environment friendly acrylic base exterior emulsion paint with smooth matt finishing. This product has minimum 3 years colour durability.

### Features

- Water based
- Modified acrylic paint with outstanding performance latex
- Low VOC
- Formaldehyde Free
- Heavy Metal Free
- APEO Free
- Carbendazim free
- 3 Years colour performance
- Matt finishing
- Low Odour
- Environment friendly

### Recommended use

### Top coat for exterior

Recommended use	Top coat for exterior		
	Min	Max	Typical
Film thickness and spreading rate			
Film thickness, dry (um)	30	40	35
Film thickness, wet (um)	79	105	92
Theoretical spreading rate (m2/ l)	12.6	9.5	10.8



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### Physical properties

Color	As per color card and available in tinting machine
Solids (vol %)*	42+/-2
Flash point	Nonflammable
Water resistant	good
Sanding properties	excellent

### Application methods

Roller	Recommended
Brush	Recommended
Spray	Air-less spray or conventional spray
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 20 %
Guiding data airless spray	Pressure at nozzle 140-190 kg/cm <sup>2</sup> (2100psi)
Nozzle tip	0.021"-0.027"
Spray angle	65'-80'
Filter	Check to ensure that filters are clean
Drying time	Depands to air circulation, temperature, film thickness, and number of coats, and will be affected correspondingly



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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 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.

Typical paint system	Exterior
Nucolour Exterior	2 -3 coat depending colour and substrate
	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, lose or flaking paint. Efflorescence or mold on masonry or concrete surfaces must be treated. Occasionally, previous paint

will lose adhesion when recoated. To avoid this, check the adhesion of the old paint by



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## Condition during application

cutting an 'X' through the 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.

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

**5kg, 25kg & 250kg**