



www.puffinpaint.com

PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4

Telp : 021- 62313238

PUFFIN ROOFCOAT DOFF

PUFFIN ROOFCOAT DOFF is a low odor and environment friendly water-based roof emulsion paint with doff finishing.

Features

- Water based
- Low VOC
- Formaldehyde Free
- Heavy Metal Free
- APEO Free
- Carbendazim free
- Doff finishing
- Low odor
- Best colour retention with oxide pigmented
- Environment friendly

Recommended use

For roof coat paint

Suitable for tile, gypsum, asbes, zinc roof

| Film thickness and spreading rate | Minimum | Maximum | Typical |
|--|---------|---------|---------|
| Film thickness, dry (um) | 30 | 40 | 35 |
| Film thickness, wet (um) | 79 | 105 | 92 |
| Theoretical spreading rate (m ² / 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 %)* 46+/-2 |
| Flash point | Nonflammable |
| Water resistant | Good |
| Sanding properties | Excellent |

Application methods

| | |
|--------|-------------------------------------|
| Roller | Recommended |
| Brush | Recommended |
| Spray | Airless spray or conventional spray |

Application data

| | |
|-----------------------|---|
| Mixing ratio (volume) | The paint is ready to use after proper stirring. if thinning is required water may added up to a maximum of 5%. |
| Thinner/ cleaner | Water |

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 re coat minimum 1 | 4h | 2h | 1h |

Dry to rec oat minimum 2, 3

1. Recommended data given for re coating 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 re coating 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

Puffin Roof Coat Doff

2 -3 coat depending colour and substrate condition. 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 mould 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

4 kg & 20kg