



PT.Indowijaya Sakti Teguh

Jl.Pangeran Jayakarta121/3-4, JakartaPusat

www.puffinpaint.com Telp:021-62313238

PUFFIN HYDROFINISH TOPCOAT

Puffin Hydrofinish Topcoat is a versatile water-based paint made from acrylic emulsion resin, specially formulated for both project and Do It Yourself (DIY) use. It dries quickly, is easy to apply, does not contain lead or mercury, has strong adhesion to various surfaces, weathering resistant, color durability and good hiding power, produces low odor, and is environmentally safe. This product is perfect for decorating and protecting interior or exterior parts of buildings, as well as metal, concrete, fiber cement and woods substrate

FEATURES

1. Water based
2. Low VOC
3. Quickly drying
4. Good Color retention
5. Weathering resistant
6. Lead and mercury free
7. Environment Friendly
8. Easy to apply

PRODUCT SPECIFICATION

Type	: Acrylic Emulsion Resin
Appearance	: Paste Liquid
Color	: White or Other Color as Requested
Gloss Level	: 80 – 95 sheen
Solid Content	: 44 – 46% (based on color)
Solid by Volume	: 40 – 46 % (based on color)
Viscosity (BF/SP4/20 rpm30°C)	: 2.000 – 5.000 cps
Specific Gravity	: 1.04 – 1.17 gr/cc
Flash Point	: N/A



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APPLICATION

Application Condition	: 25 - 35°C, 60 – 80% RH
Application Method	: Air spray, Brush and roll
Guiding data airless spray	: Pressure at Nozzle 140 -190 kg / cm ² (2100 psi)
Nozzle Tip	: 0.021"-0.027"
Spray Angle	: 65° – 80°
Substrate	: Metal, Wood, Wall, and Galvanized
Thinner	: Water
Thinning ratio by volume	: 10 - 30%
Pot life of mixture	: N/A
Wet Film Thickness (WFT)	: 80 - 100 micron
Theoretical Coverage	: 9 – 10 m ² /Lt. at DFT 30 – 40 Micron
Mixing Ratio (Volume)	: Paint is ready to use after proper stirring if thinning is required clean water maybe added up to maximum of 20%
Drying time	: Depends to air circulation, temperature, film thickness, and number of coats, and will be affected correspondingly

FILM PROPERTIES

Drying Time	
➤ Dust Free	: 40 – 60 minutes
➤ Tack Free	: 90 - 120 minutes
Packing Time	: 8 Hours
Adhesion Cross Cut Tape Test	: Point 4B (good) on metal/wood/wall/galvanized

OTHERS

Shelf Life	: up to two years when stored in a tightly sealed original container, placed in a cool and dry environment.
Storage and Handling	: Store in good ventilation room temperature



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SURFACE PREPARATION

- The surface must be clean, dry and free from oil.
- Clean the surface from oil, grease, or dirt using a suitable solvent or method such as a wire brush, steel wool, or sandpaper. For oak wood, use sandpaper with grit no. 120–150; for metal, rubber, and ram in wood, use grit no. 150–180; and for cherry wood, start with grit no. 180 followed by no. 240.

APPLICATION INFORMATION

- Mix well the **Puffin Hydrofinish Topcoat** before use it
- Use even coat of **Puffin Hydrofinish Topcoat** by spray, brush or roll at wet film thickness 80 – 100 micron.
- After 3–4 hours of drying time, gently smooth the surface with no. 400 sandpaper.
- Apply another even coat of **Puffin Hydrofinish Topcoat**.

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

RECOMMENDED COATING SYSTEM

No	Process Finishing	Type Product		Recommended Coating	Application
		On Wood	On Metal		
1	Base Sander	Sand Paper #240	Sand Paper #180	-	-
2	Wood Putty	PUFFIN WOODSPUTTY	-	1x	Kape
3	Base Coat	HYDROFINISH PRIMER	Hydrofinish Primer or AP-291	2x	Spray
4	Top Coat	Hydrofinish Top Coat	Hydrofinish Top Coat	1x	Spray



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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.

PACKING SIZE

1 Kg, 2 Kg, 5 Kg, 20 Kg