

IriPlus010™

General Description

The product is a water-borne architectural paint based on polyvinyl acetate and it is designed for interior applications over plaster, cement, concrete and masonry substrates. IriPlus010™ has quick-drying property, excellent adhesion, color stability, moisture resistance and resistance to wear. It is due to be dissolved in water without any environmental pollution.

Product Technical Information

- Solids by volume 37 ± 1%
- Density 1.5 ± 0.05 Kg/Lit
- Flashpoint >35°C
- Colors/Finish Pure white / Matt
- Mixing ratio Single pack
- Suitable Thinner/Cleaner Tap water

Drying and recoating times

Temperature	To touch	To handle	To recoat	
			Minimum	Maximum
@ 23°C	30 minutes	3 hours	5 hours	Indefinite
@ 30°C	15 minutes	2 hours	4 hours	Indefinite

Application

- **Suitable methods**

Air Spray	Brush/Roller
<ul style="list-style-type: none"> • Nozzle pressure: 3-5 bar • Nozzle size: 1.2-2.0 mm • The volume of thinner: 0-10% 	<ul style="list-style-type: none"> • Suitable. • The volume of thinner: 0-10%

- **Recommended thickness**

	Dry film thickness(μm)	Wet film thickness(μm)	Theoretical spreading rate (m ² /l)
Acceptable range	40-60	110-165	6.2-9.3

Surface Preparation

Surfaces must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water-soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Surfaces must be free of sanding dust.

- **Uncoated area:** Surfaces must be allowed to cure before applying the base coat. Cured surface should be hard, have a slight sheen. Remove any powder or loose particles before priming. The gaps and grooves on the surface must be filled with water-based putty and surface adjustment should be made before coating. For areas where the absorption of the surface is severe, apply once more coating.
- **Coated area:** The existing system should be dry and free from loose paint, salt, grease, and other contamination prior to over coating. The previously coated area should be sanded with a fine-grit sandpaper. Wipe away any debris and allow to dry completely.

Application Condition

The temperature of the substrate should be at least 3°C above the dew point of the air. Temperature and relative humidity should be measured in the vicinity of the substrate. The maximum recommended surface temperature is approx. 40°C and relative humidity during application and curing should not exceed 85%. When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 10°C.

Storage, Handling & Shelf Life

Generally, keep the paint containers in dry and cool (5-35 °C) place and away from heat or open flame. Paint containers must be kept tightly closed in the well-ventilated area and handled with care. This product's shelf life @ 23 °C is 36 months.

Environmental, Health & Safety Note

Read the material safety data sheet (MSDS) of the product before use and pay attention to safety signs attached to the product can. This product is flammable so keep away from heat and open flame.

Avoid skin and eyes by wearing overall, glove, goggles, and a suitable mask. Spillage on the skin should immediately be removed with a suitable cleanser, soap, and water. Eyes should be well flushed with water, and medical attention sought immediately. Don't discard the product on planets, sea, river and drinking water sources.

Keep out of reach of children.

Disclaimer

The information in this document is given to the best of IRIS's knowledge based on professional tests by our experts. However other factors that are affecting the use and application of this product are out of IRIS's responsibility.

For more information contact with Darya Tamin.