



Quality beyond Innovation

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# SKYBIRD ELASTOMERIC PAINT

## High Performance Pure Acrylic Elastomeric Coating

### DESCRIPTION

**SkyBird Elastomeric Paint** is an environment friendly, single component, water based, pure acrylic elastomeric coating. It is a crack-bridging coating containing additives to inhibit the growth of mould and bacteria. It protects structures from aggressive elements. It is highly resistant to water penetration, yet it allows vapour to pass through it.

### USES

**SkyBird Elastomeric Paint** is used to protect and waterproof roofs, exterior walls, plasters, renders, etc. It is used as a UV resistant and anti-carbonation coating for carparks, bridges, tunnels and structures exposed to aggressive elements.

### ADVANTAGES

- Excellent resistance to UV, weathering and CO2
- Single component, easy to apply
- Highly flexible
- Excellent long term durability
- Can be applied to a wide range of substrate
- Reduces energy cost due to heat reflectivity
- Low maintenance costs
- Environment friendly, can be applied in confined areas
- Excellent build properties, enable application to horizontal and vertical surfaces
- Available in a wide range of colours
- No solvents or fire hazard



### SURFACE PREPARATION

Surface should be sound, clean, dry and free of dust, loose particles, greases, oil. Small holes, pin holes, defects, hairline cracks be repaired by using PowerFix range of repair materials. Before Applying SkyBird Elastomeric Paint specially on roof decks should be set at slope-to-drain and no topping required.

### MIXING

Stir the material thoroughly before applying.

### APPLICATION

Prior to applying **SkyBird Elastomeric Paint**, all detailing work must be completed on seams, splits, protrusions, fixings, drains, flashings, fasteners, etc. Material should be applied by using brush, roller at 400 microns per coat. **SkyBird Elastomeric Paint** should be extended to 10-15 cm over pipes, parapets, vents and fixings. The coating should be extended under flashings. On roof decks, balconies, etc, **SkyBird Elastomeric Paint** may be reinforced with glass fiber mesh or other suitable materials embedded into the first coat when wet. Second coat should be applied in a direction perpendicular to the first coat.

The product will be tough dry in approximate 40 minutes and may be overcoated after two hours drying under normal conditions. This can be assessed at the time of

### TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	–	Single
Form		Liquid
Colour	–	White, other color available on request
Solid Content	ASTM D1644	65+3%
Drying time	–	40-50mins
Recoat time	–	2 hrs minimum
Full Cure	–	7 days minimum
UV resistance	ASTM G53	no effect or change in color after 300 hrs
Crack bridge ability	ASTM C836	Passed

application and is influenced by ambient temperature, humidity, airflow and type of surface treated

### **LIMITATIONS**

Not recommended for areas where continuous water ponding is expected and areas subjected to hydrostatic pressure.

**SkyBird Elastomeric Paint** should be protected from rain for a minimum of 48 hours after application.

In high temperature, open containers of **SkyBird Elastomeric Paint** may skin. Remove the skin before mixing. To prevent skinning, keep the container covered during use. Diluting **SkyBird Elastomeric Paint** with water is not recommended. At temperature below 15C spraying **SkyBird Elastomeric Paint** will become more difficult due to its cohesive nature.

### **PACK SIZE**

16 liters pail

### **COVERAGE**

As protective coating: 2.5m<sup>2</sup>/liter/coat at 400 micron wft (200 micron dft) minimum two coats recommended.

As waterproofing : 1.7m<sup>2</sup>/liter/coat at 300 micron dft for roof, slab, flat concrete, bathrooms, etc.(Recommended 600-700 micron dft in 3-4 coats embedded with fiber mesh

### **GENERAL INFORMATION**

Shelf Life 12 months from date of manufacture when stored underwarehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

### **CLEANING**

Clean all equipment and tools with water immediately after use.

### **HEALTH and SAFETY**

Gloves, goggles & suitable mask must be worn.

### **PRECAUTIONS**

Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.

### **DISPOSAL**

Do not reuse containers. To be disposed off as per local rules and regulations.

### **TECHNICAL SERVICE**

**Philippine SkyBird Industrial Corp.** Services are available on request for on-site support to assist in the correct use of its products.