



## PRODUCT DATA SHEET

## K-SHIELD ECO

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#### 100% ACRYLIC ECO-FRIENDLY EXTERIOR WALL FINISH

##### DESCRIPTION

K-Shield Eco is a premium quality 100% acrylic flat finish is suitable for exterior new or previously painted masonry surfaces such as brickwork, cement, rendering and asbestos. This carefully formulated for at least 5 years protection against fungus, algae, chalking and flaking. It provides:

- Excellent durability against harsh weather.
- Excellent algae/fungus resistance.
- Very good dirt pick-up, flaking, water and alkali resistance.
- Good adhesion to all types of exterior wall surfaces.
- Very good flow properties and good coverage.
- Lead-free and Mercury free
- Low VOC

##### PHYSICAL PROPERTIES

Color	: Wide color range
Specific Gravity	: 1.25 - 1.31 gm/cm <sup>3</sup> depend on color.
Solid Content	: 31 - 37 % (by volume).
Flash Point	: Non-Flammable
Touch Dry	: 30 minutes (depends on temperature and humidity)
Recoating Time	: Min. 1 - 2 hours and Maximum: Unlimited

##### SURFACE PREPARATION

It is essential to have a properly prepare surface to ensure precise and long lasting coating performance. Surface must be dry, clean, free from any loose material, dirt, grease and other contaminants.

- Powdery Wall  
High pressured water jetting (approx. 1500 psi) to clean the affected surfaces, allow to dry thoroughly then apply 1 coat of Ultra Seal Eco US-01 follow by 2 coats of K-Shield Eco.
- Flaking / Peeling  
High pressured water jetting to removed affected surface, allow to dry prior to painting

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- ❑ Algae & Fungus Infested  
High pressured water jetting to removed all algae & fungus, and then flashes the surface with Kossan Fungicidal wash and allow surface to dry prior to painting.
- ❑ Damp Surfaces  
To avoid from premature paint failure, surface to be painted must first be dry thoroughly prior to painting. It is important to find-out the source of dampness and repair with appropriate steps to stop dampness.

### **MIXING / APPLICATION**

- ❑ Stir paint thoroughly.
- ❑ Paint are ready for used, do not dilute with water.
- ❑ Use appropriate painting equipment when painting the wall, Roller with natural or synthetic pile sleeves are recommended for large surfaces, brushes are normally use for painting small surfaces and areas like nooks & corners.
- ❑ To get best result 2 coats of K-Shield Eco is recommended, for porous surfaces with high absorption should first be primed with 1 coat of Kossan solvent based wall sealer Ultra Seal Eco US-01.
- ❑ The recoating period is minimum 1- 2 hours.
- ❑ Cleaner is water.

### **THEORETICAL COVERAGE & PACKING SIZE**

Coverage : Approx. 7.0 - 8.0 m<sup>2</sup>/litre depends on porosity of the substrate.  
Packing Size : 5 litres & 20 litres.

### **STORAGE**

K-Shield Eco have a minimum self-life of 24 months at cool and dry place. Containers must be kept tightly closed in a secure upright position.

### **HEALTHY & SAFETY**

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

### **DISCLAIMER**

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.

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