



WALL SEALER (WATER BASED)

ECO-SEAL

TDS 2.0004
Established: Sept 2025
Updated: NA

Product Description / Uses

ECO-SEAL is a styrene acrylic water-based wall sealer. It has alkaline and efflorescence resistance as to protect the finishing coat from alkaline and efflorescence attacked. It is good for new and repainting walls for both interior and exterior.

Physical Characteristics

Ingredient	Styrene Acrylic emulsion, pigment, mineral extender and additives
Non-Volatile	~ 50 %
Density	1.25 – 1.35 (kg/litre)
Viscosity	85 – 90 Krebs Unit
Theoretical Coverage	10 – 12 m ² / litre / coat
Gloss	Matt

Properties

Recommended DFT	30 – 35 µm per coat
Drying Time :	
Touch dry *	≤ 20 minutes
Hard dry *	≤ 1 hour
Recoating *	≤ 2 hours
* Drying time is much dependent on environment temperature, humidity and ventilation	

Surfaces Preparation

Surfaces to be painted must be thoroughly cleaned and dry, it must be free from dirt, grease and other foreign matters prior to paint. All loose, defective paint, dust, fungus, algae and foreign matter must be removed. Treat the areas affected by fungus growth with Fungicidal Wash. The old chalky surface and flaking paint must be properly sanded down/scrubbed and cleaned with water. Besides, the moisture content of the substrate must be ≤ 14% before commencement of the painting job.

The hairline cracks must be properly filled up with suitable putty or filler. Any fungus and/or algae affected area must be properly treated before painting.

Application Method

Brush, roller or airless spray

The product is supplied ready for use after ***stir homogenously***.

If thinning is required, please refer to the recommended dilution as per below.

For brushing / rolling : ≤ 5% of clean water.

For spraying : ≤ 10% of clean water.