

ANTI-BACTERIAL EGG SHELL SILK EMULSION

Product code: PW3305-AB

Composition and Application Field

EVI Anti-Bacterial Egg Shell Silk Emulsion is a durable water based coating formulated to provide an antiseptic, bactericidal surface finish. The material incorporates nano silver which is proven to effectively kills almost all disease causing microorganisms, even MRSA. EVI Antibacterial Anti-Bacterial Egg Shell Silk Emulsion provides a permanent sterile surface as long as the paint surface is intact. It is particularly recommended for use in Healthcare facilities such as hospitals, clinics and other medical facilities, food processing plants, restaurants or any other internal facilities requiring a bactericidal surface.

Use

Substrates: Concrete, plaster, gypsum board, wood.
Area of Use: Interior and Exterior.

Specification

Finish	: Satin Finish
Colour	: White and colors
Specific gravity	: 1.23 ± 0.02
Solids (% by volume)	: 41 ± 1%
Diluent	: Sweet Water
Spread Rate	: 14 m ² /liter at 30 micron DFT
Drying time (30° C)	: 1-2 hours depending on air movement minutes
Recommended DFT	: 2 coats of 30 – 40 microns

Surface Preparation

All surfaces must be sound, clean, dry and free from loose and flaking materials, dirt, efflorescence, oil grease and other surface contaminants. Apply EVI Alkali resistant primer and apply stucco putty to even out the surface and fill small cracks. Remove all sanding powders by blowing air or vacuuming the surface.

Application Method

The product can be applied by roller, spray, airless spray or by brush. Thin the material up to maximum of 20 percent if the application method demands. Do not over thin the product. Always ensure adequate ventilation during paint application for reason of health and safety and also for proper drying of the paint.

Typical Paint System

EVI Anti-bacterial	-EVI Alkali Resistance Primer or	- 2 coats of 30
Egg Shell Silk	EVI PVA Primer or	microns
Emulsion	EVI Stucco Putty	As required
	-EVI Antibacterial Egg Shell	- 2 coats of
	Silk Emulsion	30-40 microns

Storage & Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

HANDLING

Disposal: As per the guidance and legislations of the local Authority e.g. by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Flash Point: Not applicable

Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.