



ALUMINIUM PAINT HEAT RESISTANCE

Product code: PS3402

Composition and Application Field

EVI Aluminium Paint Heat Resistance is a general purpose paint based on a suitable modified alkyd resin and containing aluminum flake to provide a tough durable and hardwearing luster finish. It has excellent flow, hiding power, and gloss retention properties and is suitable as a decorative and protective coating. It can resist to a temperature in the range of 220°C.

Substrates: Metal and timber.

Area of Use: Interiors and Exteriors.

Specification

Finish	: High Gloss and Smooth.
Color	: Aluminium
Specific gravity	: 1.00 ± 0.02
Solids (% by volume)	: 52 ± 2
Diluent	: Aromatic Thinner
Flash point	: 38°C

Spread Rate:

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule EVI Aluminium Paint Heat Resistance would cover up to 16 sq. meters per lit.

Drying Time (30° C)	: Set to touch: 4-5 hrs Ready for recoat: App. 12 hrs
Recommended DFT	: 1 mist coat followed by a good full coat. App 25 - 30 mic.
Heat Resistance	: Up to 220°C

Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of EVI is an ideal recommendation for the application of EVI Aluminium Paint Heat Resistance.

For Plaster, Masonry & Concrete

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Apply one coat of EVI Synthetic Red Oxide, followed by EVI Synthetic Undercoat and proceed for EVI Aluminium Paint Heat Resistance after drying.

Application Method

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

Application: To be done by conventional roller or spray at 2000 – 2500 psi for airless spray or 50 – 60 psi for conventional spray. Nozzle size: 0.009 - 0.011 inches.

One can add 5 - 10% of EVI General Purpose Thinner for ease of application of brush/roller/or spray viscosity.

Caution: Over diluting would result in sag and run downs.

Paint System

*On a well cleaned surface, apply 1 or 2 coats of about 25 microns the point under study directly on the substrate like metals.

Storage and 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: 38°C and contains aromatic hydrocarbons.

Caution: It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

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

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