

JESMONITE® FLEXIGUARD SEALER

JESMONITE
MADE FROM
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PRODUCT DESCRIPTION

Jesmonite Flexiguard Sealer is based on nano-technology and is a stain-resistant, invisible sealer which creates a clear, UV-stable, and extremely durable surface for all Jesmonite composites when used externally. Flexiguard is unique in that it creates a low-energy surface that prevents soiling, and mould and fungal growth. This product, once applied, significantly reduces the need for cleaning and maintenance and is effectively permanent due to the chemical bond made with the Jesmonite substrate (subject to abrasion). It can be applied very easily almost anywhere – on site or in a manufacturing environment.

TYPICAL PROPERTIES

Physical form/appearance	Liquid
Colour	Slightly yellowish, slightly cloudy
Odour	Almost odourless
pH	Value (500g/l) @ 20°C ca. 4
Density	~1.0g/cm ³
Boiling point/boiling range	97°C.
Solubility in water	Soluble @ 20 ° C
Flashpoint	> 66°C

APPLICATION AREAS

We recommend that Flexiguard Sealer is spray applied as a mist coat onto the surfaces of AC730, AC830 and AC930. It is important to ensure that all surfaces are clean, dry, and free from any grease or oil.

KEY ATTRIBUTES

The existing surface quality is preserved, becoming highly water and grease repellent, and resistant to ingrained soiling, mould, fungal growth.

Contaminates are unable to adhere to the surface.

Cleaning becomes much easier and less frequent – typically requires 50-70% less often – and withstands high-pressure cleaning (up to 50-60 Bar).

The lifespan of the substrate is extended because of reduced cleaning cycles.

The surface remains clean and will not discolour.

PACKAGING

Available in 1kg and 5kg canisters.

STORAGE

Keep receptacles in a well-ventilated area. Keep receptacles securely closed and protect against frost.

The above information and recommendations are based upon our experience and are offered merely for advice. They are offered in good faith but without guarantee, as conditions and methods of use are beyond our control. It is the responsibility of the end user to determine the suitability of the materials for the particular purpose intended.

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THE KEY BENEFITS OF USING JESMONITE



Stronger

Strong, flexible and more durable, making it high impact resistant.



Finer

Replicates the very finest detail.



Greener

Water-based not solvent-based making it kinder to the environment.



Lighter

Lighter than stone, glass-reinforced concrete, sand and cement products – perfect for film sets.



Safer

Fire-resistant with a class zero fire rating, reduced smoke density and toxicity characteristics. Solvent free with no VOC's.



More choice

Can be pigmented to any colour or RAL reference. It can also mimic any texture and reproduce the effect of materials such as stone, metal, wood, leather and fabric.