

# Flexiguard Sealer

## PRODUCT DESCRIPTION

Jesmonite Flexiguard Sealer is based on nanotechnology 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.

## SPECIFICATIONS

Physical form/appearance	Liquid
Colour	Slightly yellowish, slightly cloudy
Odour	Almost odourless
pH Value	(500g/l) @ 20°C: ca. 4
Density	~1.0g/cm <sup>3</sup>
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 AC630, AC730, AC830 & 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, and fungal growth.
- Contaminants 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.

# TECHNICAL DATA SHEET

Reference: TDS-FGS-25-EW

**JESMONITE**<sup>®</sup>  
MADE FROM

## PACKAGING

Products are supplied in a variety of sizes dependant on location, therefore please check your local 'Official Reseller' for accurate formats or visit [www.jesmonite.com](http://www.jesmonite.com) for further information on Official Packaging.

## FOOD SAFETY

Jesmonite materials have not been tested for food safety.

## COLOUR

Flexiguard Sealer is a natural material therefore is subject to potential variation between batches. To ensure colour control we recommend pigmenting batches.

## STORAGE

For maximum efficacy products should be stored at a constant temperature of between 5 – 25°C. Keep clean, dry and away from any contaminants. Freezing must be avoided.

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*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 remains the responsibility of the end user to determine the suitability of the materials for the particular purpose intended.*