

# Flex Liquids

## PRODUCT DESCRIPTION

Jesmonite® AC730 Flex Liquids are supplied as an alternative polymer for use with AC730 Base. Flex Liquids are designed to work in several ways. They act as a curing membrane to ensure that the cement component of AC730 Base hydrates fully, thus reaching full strength and durability. They also provide a degree of extra ductility due to the flexible and highly water resistant pure acrylic resin used. Additional benefits are reduced porosity, and increased frost resistance.

## SPECIFICATIONS

Mix ratio	4:1 – 5:1 parts (base to Liquids ratio by weight)
Wet density	1950 kg/m <sup>3</sup>
Dry density	1850 kg/m <sup>3</sup>

## OTHER PROPERTIES

Water uptake/porosity	2.26% (BS EN 1170-6)
Freeze-thaw resistance	300 cycles (DD CEN/TS 12390-9)
Dimensional stability	Shrinkage = 0.83 Expansion = 1.28 (BS EN 1170-7)
Weathering/durability	1008 Hrs (BS EN ISO 4982)
Flexural strength	LOP 8.9Mpa MOR 23.6 MPa (BS EN 1170-5)

## APPLICATION AREAS

Glass reinforced decorative architectural mouldings, and small castings. Glass reinforcements such as Jesmonite AR Quadaxial Fabric or 13mm AR Glass Chopped Strands are recommended for lightweight, high-impact panels. It can also be used to create garden ornaments and statuary, and is suitable for water-features

## KEY ATTRIBUTES

- Improved flexural strength & stability
- Excellent abrasion resistance & impact strength
- High compressive & tensile strength
- Increased ductility/flexibility
- Rapid curing & high early strength gain

# TECHNICAL DATA SHEET

Reference: TDS-FLEXLIQ-25-EW

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## 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.

## 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, powders should be kept in sealed containers. 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.*