

AC930

PRODUCT DESCRIPTION

Jesmonite® AC930 is a rapid setting acrylic polymer modified cement-based composite. It is a shrinkage-compensated material of low permeability and is durable in all conditions of external weathering. The compound is alkali free and as such is free from the efflorescence associated with ordinary Portland cement-based systems.

AC930 is formulated as a high specification, glass reinforced cement. It is supplied ready to mix as two components, a water-based acrylic liquid, and a blended base.

SPECIFICATIONS

Mix Ratio	5:1 or 6:1 (Base to Liquids)
Wet Density	1950 kg/m ³
Dry Density	1850 kg/m ³

TECHNICAL 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 – No significant change (BS EN ISO 4982)
Compressive strength	56Mpa (N/mm ²) (BS EN 12390-3)
Flexural strength	LOP 8.9 MPa MOR 26.3 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 can be utilised 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 and stability
- Excellent abrasion resistance and impact strength
- High compressive and tensile strength
- Rapid curing and high early strength gain
- Shrinkage compensated and dimensionally stable
- Very low water absorption/porosity

TECHNICAL DATA SHEET

Reference: TDS-AC930-25-EW

JESMONITE
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 for further information on Official Packaging.

FOOD SAFETY

Jesmonite materials have not been tested for food safety.

COLOUR

AC930 is available in a pale grey colour and can also be colour matched using our service.

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.