

TECHNICAL DATA SHEET

JESMONITE® AC200



- **Product Description**

Jesmonite® AC200 is a water-based, two-component, acrylic polymer/mineral resin system. The material is formulated for making masters and prototypes for moulding and sets to a hard but easily carved surface finish. The hardened material can then be machined or shaped using a variety of tools including CNC machines, routers, rasps, chisels etc., and can then be finished with sandpaper prior to moulding. The master can then be moulded using a rubber moulding compounds. AC200 is also an excellent adhesive for polystyrene, PU tooling board, and Styrofoam board.

- **Specifications**

Mix Ratio	2:1 parts Powder to Liquids ratio by weight
Wet Density	1845 kg/m ³
Dry Density	1745 kg/m ³
Initial set	15 – 20 minutes (18°C, No Retarder)
Expansion on set	0.15%

- **Application Areas**

The material can be used to produce hand-carved and CNC'd masters and prototypes. It also works as a machining surface and adhesive for Foam boards.

- **Key Attributes**

Solvent free – No VOC's
Easily carved and machined
Does not degrade Polystyrene

- **Packaging**

Liquids are supplied in 1kg, 5kg, and 25kg Canisters, Powders in 5kg and 25kg buckets. Bulk IBC/FIBC supply available on request.

- **Storage**

As a basic rule liquid containers should be kept well sealed to prevent water evaporation and skin forming. They should be stored at a constant temperature between 5-25°C and used within six months. Freezing must be avoided. Powders should be kept dry and stored at 5-25°C.

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. We recommend that the user determine the suitability of the materials for the particular purpose intended.

- **Distributor Details**

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