



# A1 ROTACAST

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## DESCRIPTION

A1 ROTACAST is a water based acrylic mineral composition and developed as a material for the manufacturing of hollow, lightweight and/or complex, products. This 2-component system is familiar to our other A1 systems and all existing A1 additives are compatible with A1 ROTACAST.

A1 ROTACAST can be cast in closed mould systems and rotation casting can be done manually or with a suitable rotacaster machine. (Example: [www.rotacaster.co.uk](http://www.rotacaster.co.uk))

A1 ROTACAST consist of a formulated liquid and powder.

## FEATURES

- Excellent dimensional stability
- Easy to mix system with variable filler ratios
- Perfect copy with fine details
- Improved material spread compared to standard A1
- Low exotherm on set (45°C)
- Water clean-up for tools
- Zero shrinkage
- Free of solvents
- Will accept a variety of coatings
- Shelf life: 1,5 year

## APPLICATION INSTRUCTIONS

- The mixing ratio of the Liquid/Powder is **1:2** by weight and can be mixed with our A1 mixing blades.
- A1 Additives can be added. See datasheet for more information.
- Pigments can be added as well, maximum 2% on total weight of powder and liquid.
- Sand, marble dust, metal powders or other fillers can be added to create special effects and natural looks. Be aware that these might have an influence on the viscosity of the A1 ROTACAST.
- A1 ROTACAST accepts multiple casting for better material spread.
- Small entrapped air bubbles can be filled or repaired afterwards.

This information is offered in good faith but without guarantee as conditions and methods of use and application of the product are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale. For Health and Safety information please refer to the material Safety Data Sheet.