



# A1 IMO

## DESCRIPTION

A1 IMO is a water-based Acrylic mineral composition and developed as a safe and environmentally friendly material for the manufacturing of panels, interior parts and other products for (Cruise) ships and all areas where the IMO regulations are required. This 3-component system is familiar to our other A1 systems and all existing A1 additives are compatible with A1 IMO.

A1 IMO can be used as a membrane on top of a variety of materials or to produce in-moulds. It is suitable for hand working, pouring or spraying with a 1-component spray equipment. A1 IMO consists of a formulated liquid, powder and filler (A1 ATP powder).

## FEATURES

- Good adhesion to a variety of substrates
- Excellent dimensional stability
- Easy to mix system
- Extra fillers can be added
- Low exotherm on set (45°C)
- Water cleanup for tools
- Zero shrinkage
- Free of solvents
- Will accept a variety of coatings
- Shelf life: 1,5 year
- Packaging size available from 70 kg to 3675 kg

## FIRE CLASSIFICATION

- IMO resolution MSC 307(88) Annex1: part 5 : **Approved**. Test report is available on request

## APPLICATION INSTRUCTIONS

- The mixing ratio of the Liquid/Powder/Filler is **1 : 2,25 : 0,25** by weight and can be mixed with our A1 mixing blades.
- The filler (ATP Powder) can be added and mixed into the Liquid part prior to mixing the powder into the liquid for a smooth result without lumps. Mixing in the Filler after mixing the Powder and Liquid part is also possible but it will take a little longer to get a smooth result.
- To thicken the material or make a paste; more Filler can be added without changing the fire properties. Never add more Powder to the system as the Powder/Liquid ratio is formulated to get optimum set and curing properties.
- A1 Additives like thickener, retarder, diluent and accelerator can be added.
- Pigments can be added as well, maximum 2% on total weight of powder and liquid.
- 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.