



Acrylic Composites b.v.
Delta Industrieweg 9
3251 LX STELLENDAM
The Netherlands

T +31 (0)187-492611
F +31 (0)187-493139
E info@brandscomposiet.nl
W www.brandscomposiet.nl

Acrylic One LP01

Instructions for use

Weigh material accurately into separate containers

- mixing ratio : 2 parts Acrylic One Powder : 1 part Acrylic One Resin
- Mix using variable speed drill with high shear mixing blades
- Immerse blade into resin and start mixing to create a vortex
- Add the powder into the vortex and mix until a smooth and creamy consistency is achieved

Note:

Do not exceed speed of 750 rpm

Retarders and pigments should be added to the resin prior to mixing and should not exceed 2% of total mix.

Laminating

Gelcoats are essential when laminating. If the gelcoat is to be pigmented, heed precautions above. Once all components have been mixed together, add Acrylic One LP 01 thixotrope drop by drop until the desired consistency is reached. Brush the thickened mixture on to a suitable prepared mould surface at a thickness no less than 2 mm. Allow the gelcoat to reach paste stage. Apply a layer of Acrylic One reinforcement mat and wet with unthickened material. Add a layer of filled material and sandwich with another layer of reinforcement. Finally, wet with unthickened material and allow to cure.

Casting

Suitable release agents should be added to rigid and polyurethane moulds before casting. Gelcoats are optional. The bulk material may be extended by the use of fillers such as silica sand.

Curing

De-mould at earliest possible stage. Acrylic One LP01 is water-based and residual water needs to evaporate before the final properties are achieved. The product must be fully cured before applying paints or patinas.

Cleaning

Marks on casts and laminates may be removed with water and soaps. More difficult marks may be removed using mild solvents such as methylated spirits. Tools should be washed with water immediately after use.

Storage and Disposal

Containers should be stored indoors. Care should be taken to protect against frost and ice. Acrylic One LP01 is water based and suitable for land filled.

Packaging

Acrylic One LP01 is available in 75 kg packs comprising of 50 kg powder and 25 kg resin.

Note: All information is given in good faith. It remains the responsibility of the customer to ensure that the materials are suitable for the purpose intended.

IMPORTANT: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.