

HEY!

Thank you for
purchasing your
JESMONITE® Kit!



Unleash the artist within

www.uresin.com.au

We are the proud Western Australia Authorised Reseller of Jesmonite®.

If you have any questions about the product after reading this catalogue, please feel free to visit our website under "LEARN" or contact us via the details below.

We also have a comprehensive Jesmonite® E-BOOK available to purchase on our website.

For more information:

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INTRODUCTION

Jesmonite® AC100 is supplied as two components, a water-based acrylic liquid, and a mineral base. The system is suitable for a wide range of casting and laminating applications including decorative cast objects, rubber mould support cases, polystyrene and foam coating, rigid moulds and many other areas in the world of moulding.

Jesmonite® AC100 is suitable for internal and external use, however if used externally a sealer is recommended to protect surface.

Because Jesmonite® is water based, its easy to clean up when you have finished. Scrape any excess unused Jesmonite® into the bin then wash your hands, mixing pots, brushes, and the mould in warm soapy water. It's that easy! You can use Isopropyl Alcohol to remove any pigment residue from your mould if necessary.

MIXING

If you want to cast a solid colour, mix the pigment into the pre-weighed AC100 liquids, blend thoroughly and slowly add the Jesmonite® base to the liquids whilst mixing until the mix is smooth, flowing and free from lumps.

Alternatively, you can add the pigment to the mixed Jesmonite®, experiment by swirling it through to create different effects. You will not need much pigment; the standard addition rate is 2% by weight of total mixed Jesmonite® (or 20g/kg) so for these sized casts you will only need a few grams.

If you add too much pigment, it will stop the Jesmonite® from setting or make the cast object weak and breakable.

CASTING

For simple casts like the enclosed, pour a small amount of the mix into the mould and coat the surface evenly. To avoid any air bubbles on the surface, use a small clean, dry brush to coat the surface evenly and get into the edges of your mould. You can tap the mould too to get rid of surface air bubbles.

Then fill up the mould with the remaining mixed Jesmonite®, gentle tapping of the mould will help any air bubbles rise to the top surface. Then leave your cast for about 30-40 mins to set. Once you have taken it out of the mould, it will gain its full strength after 24 hours.

Jesmonite® needs all the moisture to evaporate to gain its strength, if you leave it in the mould it will sweat, may mark, and not dry thoroughly.

HOW TO STEPS:

Mixing Ratio: 2.5 part A : 1 part B by Weight

1. Prepare your working area and mould/s and ensure your area has proper ventilation.
2. Scoop your desired amount of Part A and pour Part B into a mixing container. (using scales)
3. Stir thoroughly for 2 minutes, ensuring to scrape the sides and bottom of the container.
4. Separate the Jesmonite® in cups to add colours or pour the Jesmonite® in your mould.
- We recommend adding no more than 2% of colour to Jesmonite®.
5. Allow the Jesmonite® to settle and continue to fill as required. Tapping the edges of the mould to release air pockets.
6. If there are any bubbles, use a small spray of Isopropyl Alcohol.
7. You will have 10-15 minutes working time before the setting stage. Then de-mould within 30-40 minutes.

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