

Instructions for the use of Potters Plaster.

The following information is copied directly off the bags of plaster. It is correct at the time of publication and is copyrighted to the Boral company.

Storage

Pottery Plaster should be stored under cover in a dry environment and protected from temperature extremes. Storage in an unsuitable environment or once container is opened can shorten the life of this product.

Best Before

This product has a Best Before date displayed on the side of the package. Use before this date is recommended. It may still be suitable after that date if stored unopened in an appropriate environment.

Setting Time

Pottery Plaster has a Knife Set of 10-15 minutes.

Disposal

Be conscious of the environment. Dispose of empty packaging in a responsible manner.

Repackaging

If this product is repackaged by distributors or others, all Preparation, Mixing and Health and Safety warnings are to be repeated on any new packaging.

Preparation

1. When using Pottery Plaster, it is important to record the water/plaster ratio used in trials so that mixes can be adjusted according to experience.
2. Weighed quantities of plaster should always be used, as the bulk density is variable and measurement by volume is unreliable.
3. Strength, hardness and density of a plaster cast are directly related, to the quantity of water used for mixing which should be kept to a workable minimum. Water/plaster ratios differ for each method of casting and are approximately: Slip Casting - 5 litres to 6kg; Slab Casting - 5 litres to 7kg; Plaster Craft - 5 litres to 7kg

Mixing

1. Always use clean (potable), cold water and clean containers and tools. Using dirty containers/water/tools may affect setting time and set strength.
2. Weigh plaster and measure water accurately for each mix to ensure uniform moulds or casts.
3. For best results slowly add powder to water (never add water to plaster) and allow powder to soak for 1-3 mins.
4. Mix by hand or with a power mixer (max. of 400rpm) - mixing at higher speed will draw air into the mix creating air bubbles. Mix until a smooth workable paste has been achieved.
5. Pour the plaster into the mould, tapping or vibrating the mould to avoid the introduction of air bubbles. Allow the plaster to set completely before removing from the mould.
6. Once setting has commenced, the material cannot be remixed and should not be agitated or retempered by the addition of water. The inclusion of other materials in the mix which are not recommended by Boral will impair the performance of this product and will void the product warranty.
7. Dry plaster moulds, casts and objects thoroughly by air or oven drying. Oven drying should be carried out in a thermostatically controlled fan forced oven with temperatures not exceeding 45° - 50°C.

Health and Safety

1. Do not ingest contents of package. If ingested, seek medical advice.
2. Avoid creating dust when handling, mixing or sanding. If dust is unavoidable, ensure adequate ventilation; wear eye protection and an approved disposable respirator, which conforms to Australian Standard AS 1716 Type P1 or P2.
3. If dust or paste causes irritation, use impervious PVC, Nitrile, or Rubber gloves. If irritation persists, seek medical advice.
4. Dust from this product is classified as hazardous according to criteria of the NOHSC (National Occupational Health and Safety Commission). Dust from this product may contain crystalline silica. Repeated inhalation of silica dust over long periods of time may lead to bronchitis, silicosis or cancer.
5. Keep contents out of reach of children.
6. If using power operated equipment to sand or drill in an enclosed or poorly ventilated area, use recommended personal protective equipment.
7. Do not attempt to make an enclosed cast of any body parts such as hands or fingers. This product gives off heat when mixed with water for setting, which may result in serious skin burns if used for casting body parts.
8. For further health and safety handling instructions, refer to the Material Safety Data Sheet for this product, available from your Boral Plasterboard sales office.

LIFTING INSTRUCTIONS

- A. Kneel on one leg beside the bag.
- B. Place bag on the upper bent thigh.
- C. Lift bag close to chest keeping back upright.
- D. Stand up with the bag held close to chest.
- E. Carry bag close to chest or on the shoulder.