

# Roman Stucco Cast

*Roman Stucco Cast* is a traditional mix fast setting mortar for mouldings cast on the bench. Made with traditional Roman Cement, our casting mortar has durability while weathering with a natural appearance, much like stone.

## Consumption

Approximately 2kg of dry mortar is required per litre. A 25 kg bag yields around 12 litres.

## Storage

Store in a dry place free from damp and drafts. Use within 6 months.

## Handling and cleaning

Wear suitable PPE, including gloves, dust mask and goggles. Do not breathe the dust. Wash any dust or mixed materials off skin straight away with plenty of clean water. Wash tools with clean water.

## Mixing

Mix in a drum mixer or by paddle mixer, avoid creating excessive dust. Carefully add the powder to clean water, using no more than 4.5 litres per 25kg bag. Mix for between 2 and 5 minutes until a pourable slurry consistency is achieved. Do not re-work. Do not use in temperatures less than 3°C or over 25°C. Roman Stucco is fast setting and needs to be used before setting starts. Do not mix more than can be used within the working time of the product.

## Casting

Pour into a mould prepared with mould release oil, using vibration to remove air bubbles. On large pieces work green on green, do not pour more product on to a dried and set surface. Leave to set before demoulding. Initial set is temperature dependent, but normally within 15 to 20 minutes. Demoulding times vary depending on the shape and complexity of the mould.

Shortly after the set begins Roman Stucco Cast will generate significant heat; very large pieces must be poured in a controlled manner to prevent over heating and cracking.

## Curing

Prevent from drying out too rapidly, covering with hessian or mortar fleece if necessary. Protect from frost for at least 7 days after casting.

## Fixing

Enrichments and other pieces can be fixed mechanically or adhesively to facades. If fixed at height, bond tests or pull out tests will be necessary and should be arranged at the design stage. Please ask Lime Green for further information if required.

## General Guidance

This information is for general guidance only and is not a specification. Conduct trials before commencing work. For further information contact Lime Green Products Ltd.