

Pudlo Prestia Jolly Cast

PRODUCT DESCRIPTION

Pudlo Prestia Jolly Cast is a high strength jiggering plaster used for tableware in ceramics. This product can also be used to make hard casts which require fine reproduction of detail, as well as for the production of decorative fibrous plasterwork. This product is a formulated plaster containing Alpha and Beta plasters, it has been designed for good strength to have air permeability and abrasion resistance properties. This commercial grade plaster is used to optimize the mould life span and promote cost savings.

TECHNICAL PROPERTIES

Mixing Ratio (Water / Plaster)	:60 ml / 100 g
Initial setting time (Knife setting)	:8'00" - 11'00" minutes @25 °C*
Fluidity Schmidt Ring	:180 - 210 mm.*
Bending strength	:≥ 65 kg./cm ²
Plaster purity	:≥ 95 %
Setting expansion (Base on 2 hrs.)	:≤ 0.15 %
Fineness	:Over 150 µm. (dry sieve) ≤ 0.25% :Over 63 mm. (wet sieve) ≤ 0.60%
Packaging	:25kg / bag

*Depending on quality and temperature of water, the setting time has a varying. Therefore the mixing time may be adjusted within the above ranges.

GENERAL GUIDELINES

Dosage: Weigh both the plaster and the water according to the prescription above. The water to plaster ratio is crucial to the resulting casting properties.

Soaking: Pour the plaster into water consistently and allow it to soak into your bucket for at least one minute to fully disperse the plaster into the water.

Mixing: This step is vital for achieving good results. Poor mixing would dramatically decrease the plasters performance. Mechanical mixing is recommended for at least three minutes, under vacuum, to optimize performance.

Drying: Fresh molds should be dried at ~ 45 - 50 C until the weight becomes constant (18-24 hours may vary according to the dryer efficiency). Both over and under drying could result in loss of strength.



STORAGE INSTRUCTIONS

The product and packet should be protected from damage, moisture, water and contamination of any type. Storing in a dry and clean warehouse is recommended and avoid contact with wet floors. Protect with a waterproof covering if there is any risk dampness. Do not stack more than two pallets. Seal all partially used bags for optimized performance.

The recommendations contained herein are from experience and the measurements obtained in a laboratory. While plaster is of the quality to meet the technical properties shown, information should be considered indicative.