

Planet Dental

PRODUCT DESCRIPTION

Planet is a dental plaster type III, formulated with high quality hemihydrate alpha plaster and has been specifically designed for hard gypsum models, basing and antagonist models with controlled setting time and expansion. It is commonly referred to as dental stone and uses less water and is stronger than dental plaster.

Pudlo stocks the following:

PLANET BLUE

PLANET IVORY

PLANET WHITE

TECHNICAL PROPERTIES

Mixing ratio (water/plaster)	:32ml : 100g
Mixing Time	:60 seconds
Vicat Setting Time	:8-10 minutes
Removal after	:30 minutes
Setting Expansion (based on 2 hr. after setting):	< 0.20 %
Compressive Strength	:30 N/mm ²

GENERAL GUIDELINES

Dosage: Weigh plaster and measured volume of water according to the prescription here above mentioned for the high quality of model.

Soaking: Pour plaster powder into water and allow it to soak for a few seconds. The plaster should be fully dispersed in the water.

Mixing: This is a critical step in producing casts with good strength, hardness and other important properties. Mixing by vacuum mixer for 60 seconds is recommended. This makes it homogeneous and eliminates air bubbles.

Pouring: Pour the slurry as soon as it is ready, vibration helps avoid air bubbles becoming trapped in plaster mould.

De-molding: This step should be done according to prescription.



STORAGE INSTRUCTIONS

The product should be protected from damage, moisture, water and contamination of any type. Store in a dry, clean warehouse at temperature below 40°C. Avoid contact with wet floors and protect with a waterproof covering if any risk of dampness. Close all partially used bags to optimize performance. The product should be used within 6 months of the manufacturing date.

*The recommendations contained herein are from the manufacturers experience and the measurements they obtained in their laboratory. This information should therefore be considered as indicative. We make no warranty other than that our materials are of the quality to meet the technical properties shown.