

PLANET

Planet Dental plaster family :

Planet Blue
Planet Green
Planet White

Planet Dark Green
Planet Ivory
Planet Yellow

Planet is dental plaster type III, formulated with high quality hemihydrate alpha plaster and has been specifically designed for basing and antagonist models with controlled setting time and expansion.

Technical Properties

Mixing Ratio:	32 ml of water for 100 g of plaster
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: Weight 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 soaking for few seconds to have fully dispersing in the water.

Mixing: This step is critical to produce casts with good strength, hardness and other important properties. Recommend mixing by vacuum mixer for 60 seconds to make homogeneous and eliminate air bubbles.

Pouring: Pour the slurry as soon as it is ready under vibration to avoid air bubbles trapping 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. Storage in dry, clean warehouse at temperature below 40°C. Avoid contacting with wet floors and protect with waterproof covering if any risk dampness. Close all partially used bags to optimized performance. The product should be used within 6 months of manufacturing date.



The recommendations contained herein are from our experience and the measurements we obtained in our laboratory. This information should be therefore considered as indicative. WE MAKE NO WARRANTY OTHERS THAN THAT OUR MATERIALS ARE OF THE QUALITY TO MEET THE TECHNICAL PROPERTIES SHOWN.