

Product Data Sheet

Moulding Plaster

Moulding Plaster, commonly referred to as “Plaster of Paris”, is a beta-hemihydrate gypsum product manufactured from high purity natural occurring white gypsum rock. It is commonly used as a good white base material for formulating various interior oriented construction & industrial compounds, for simple 3-D statuary, architectural castings, and temporary templates where strength and hardness are not important.

TYPICAL PHYSICAL PROPERTIES:

Use Consistency	64-70cc/100g
Set Time	27-37 minutes
Maximum Expansion (%)	0.30%
-100 Mesh	98.5 – 100% passing
+50 Mesh	0% retained
Dry Compressive Strength	2,000 psi

GENERAL MIXING INSTRUCTIONS:

Plaster and water are always measured by weight. Using a plaster/water ratio outside the recommended use consistency guidelines will impact the set-time, strength and density of the finished piece.

- Sift plaster into water slowly and evenly
- Let soak for 2 – 4 minutes. This allows the gypsum crystals to wet-out, displacing trapped air
- Mix for 2 – 5 minutes