

# 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 (%)    | 0.3%                |
| -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