



Product Data Sheet

DynaPlast® Base Alpha

DynaPlast® Base Alpha is an alpha-hemihydrate gypsum manufactured from high-purity natural occurring white gypsum rock. DynaPlast® is a versatile high strength; dense gypsum cement. It is an excellent base material that can be formulated to manufacture a variety of interior oriented construction & industrial compounds; as well it can be solid or hollow cast for a variety of creative applications with good finishing properties.

TYPICAL PHYSICAL PROPERTIES:

Use Consistency	36-40 cc/100g
Set Time	20 – 35 minutes
Maximum Expansion (%)	0.4%
-325 Mesh	90-95% passing
+50 Mesh	0% retained
Compressive Strength	6,000 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 1 minute. This allows the gypsum crystals to wet-out, displacing trapped air
- Mix for 2 minutes.