

## ALPHA PLASTER INDUSTRIAL PLASTER

Alpha plaster is widely used as a filler or additive in various applications, from grouts to jewelry investment casting powders. Our alpha hemihydrate bases are high purity ( $\geq 94\%$ ) and produced for consistent results.

### TYPICAL PHYSICAL PROPERTIES

Product	ALPHA NR	ALPHA MIX
Plaster to Water Ratio (%P/W )	200 - 220	200 - 220
Water to Plaster Ratio (%W/P)	45 - 50	45 - 50
Initial Setting Time by Knife Setting (minutes)	6 - 22	6 - 25
Final Setting Time by Shore A (minutes)	$\leq 50$	$\leq 50$
Fluidity by Schmidt Ring (mm)	150 - 220	185 - 250
Screen analysis (% Weight Retained)		
100 microns (dry)	0.04 - 0.2	$\leq 2.50$
63 microns (wet)	$\leq 0.60$	$< 5.00$
Particle size distribution (dv50 - microns)	5 - 9	10 - 20

### INSTRUCTIONS

#### STORAGE AND USE

When properly used, Plaster is safe to handle and easy to work with. Keep indoors in a dry, stable environment. Do not stack more than two pallets high. Keep from drafts. Rotate stock. Always follow handling and use directions and safety warnings on the package.

#### SHELF LIFE

Best before 6 months from manufacture.

**For more Information**  
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