

Pudlo Prestia Alpha P-NR

PRODUCT DESCRIPTION

Pudlo Prestia Alpha P-NR is specially designed for use as a filler in the production of composite material and the productions of hard, strong, tough patterns and duplicator models.

TECHNICAL PROPERTIES

Mixing ratio (water/plaster)	:45 ml / 100 g
Initial setting time (knife setting)	:6''- 22''minutes @ 25 C*
Final setting time (shore A determination)	:< 50''minutes @ 25 C*
Fluidity Schmidt Ring	:≥ 145 mm
Plaster purity	:≥ 95 %
Fineness	:Over 100 µm. (dry sieve): ≤ 0.30 % Over 63 µm. (wet sieve) : ≤ 0.70 %
Packaging	:25kg / Bag

*Depending on quality and temperature of water, the setting time may vary. Therefore, the mixing time might have to be adjusted within the above ranges.

GENERAL GUIDELINES

Dosage: Weigh both the plaster and the water at the recommended use consistency for each mix (see technical properties above). The water to plaster ratio is critical because it governs all physical properties of the final cast piece.

Soaking: Pour the plaster slowly into water. Allow soaking for 1-2 minutes. The plaster should be fully dispersed in the water prior to mixing. Small batches require less soaking than large batches.

Mixing: This is a critical step in producing casts with high strength, hardness and other important properties. Mechanically mixed slurries develop uniform casts with optimal strengths. Pudlo Prestia Alpha P-NR can be mechanically mixed through both batch and continuous processes.

Pouring: Careful pouring of the slurry is necessary, to prevent air entrainment and provide a uniform, smooth surface. Agitation of the filled mold is a further step used to prevent air at or near the surface of the cast piece. Whenever possible, the slurry should be poured carefully in the deepest area so that the slurry flows evenly across the surface of the mold.

Drying: All casts should be dried, as quickly, as is safely possible after manufacturing to achieve maximum physical properties. Dry to constant weight. The best drying rooms or ovens provide uniform and rapid circulation of air and equal temperatures throughout the entire area.



STORAGE INSTRUCTIONS

The product should be protected from damage, moisture, water and contamination of any type. Store inside a dry, clean warehouse. Avoid contact with wet floors as much as possible, and protect with a waterproof covering if any risk of dampness. Do not stack more than two pallets. Close all partially used bags for optimized performance.

*The recommendations contained herein are from the manufacturers experience and the measurements they obtained in their laboratory. This information should therefore be considered as indicative. We make no warranty other than that this material is of the quality to meet the technical properties shown.