

SIVAL 68 S



DESCRIPTION

SIVAL 68 S is a white or light beige plaster made of calcium sulphate hemihydrate and small amounts of additives.

PACKAGING

30kg paper bags, big bags or in bulk.

TECHNICAL CHARACTERISTICS

Plaster/Water ratio: 150 kg/l - 165 kg/l

Initial Setting Time: 12min ± 3min

Final Setting Time: 28min ± 4min

Fluidity (Vicat ring): 215 mm ± 15 mm

Linear expansion (1 hour): max. 0.20%

Flexural strength (dry): ~ 60 kg/cm²

Shore Hardness C (DIN 53505): ≥ 85

Absorption Capacity Water: 29 ± 2 %



APPLICATION

Specially designed for the manufacture of moulds for the automatic rollers used in the decorative and functional porcelain and earthenware ceramics industry.



STORAGE

Plaster based products should be stored under dry conditions.



ADDITIONAL INFORMATION

The technical specifications apply to freshly mixed plaster, made using a plaster/water ratio of 1500 kg/l and tested under SIVAL lab conditions. In practice this ratio may be adjusted to suit individual application scenarios, provided that the fluidity is kept between the recommended limits.

Users should note that any such adjustments will influence the characteristics of the final product, particularly as regards density, setting times, strength, expansion and water absorption capacity.

Gypsum-based products should be stored under dry conditions, as any absorption of water can lead to changes in their physical properties, such as lower strengths and longer setting times.

To ensure the product remains usable, open and partially used sacks should be properly folded over and sealed.

Plaster mould drying temperatures should never exceed 45 °C, to avoid any danger of dehydration and subsequent loss of performance.

Shelf Life - 6 to 9 months depending of the storage conditions.

Since the conditions of handling and application of our products are beyond our control, our liability is limited solely to the quality of same, not contemplating any anomaly arising its improper use.