



Synthetic hard gypsum cement used to manufacture models in tool rooms and pattern shops, e.g. for the automobile and aircraft industry

The quality with the lowest expansion and highest strength, especially for high demands on accuracy and surface hardness.

Characteristics

Mixing ratio, powder : water = mixed volume	4 kg : 1 l 2,4 l
processing time	app. 9 min
solidification point	app. 16 min
surface hardness	over 300 N/mm ²

Mixing

Strew plaster in the given ratio into the water, allow to soak, then stir thoroughly taking care not to cause air bubbles. After mixing for max. 2 min. pour the slurry in a thin stream into the middle of the form. In the case of filigree surfaces start with a thin layer of plaster in order to be able to puncture with a brush any air bubbles which may have formed. At the end of the processing time do not move the mass until it is fully set.

Useful hints

Ludur 500 and the water to be mixed shall have a temp. of 20° C (68° F). Plaster which has been stored at extreme temperatures should be acclimatised for several hours before using. The mixing machine must be clean.

By an order of at least 2 tons, for the fabrication of large models this material can be delivered with a longer process time without changing it's physical characteristics.

Packing

Paper bag with foil liner 25 kg

Shelf life

At least 12 months in closed, vapour-proof packages.

The above recommendations are given to the best of our knowledge after careful control. We grant the quality of our products according to our specification. Any further liability cannot be accepted since the proper application of our products is outside of our control.