



## Moulding gypsum for the sanitary industry for the manufacture of precise copies of original models, when modifications have to be made on the models and for the manufacture of prototypes in the automobile industry

A modified synthetic hard plaster with a regulated course of setting and extremely low expansion. Specially developed for accurate intermediate patterns during the fabrication of press tools.

Models out of **Ludur 0 SP** are distinguished through:

- accurate reproduction
- pre-determined strength
- good workability
- transport stability

### Characteristics

In powder form, white  
mixing ratio:

gypsum : water	100 kg : 45-47 l
= mixed volume	77-79 liter
processing time	approx. 15 min
solidification point	approx. 25 min
compressive strength, damp	over 12 N/mm <sup>2</sup>
linear setting expansion	approx. 0,05 %

### Mixing

Strew **Ludur 0 SP** into the measured amount of water and mix thoroughly with an electric whisk for 3 to 5 min., then pour into the mould.

### Useful hints

**Ludur 0 SP** and the water to be mixed shall have a temperature of 20° C (68° F). Plaster which has been stored at extreme temperatures, should be acclimatised for several hours before use.

The mixing machine must be clean. Additives shall not be used. Weight savings can be achieved by re-inforcing the outside edges of the model with textile fibres.

### Packing

Paper bags with foil liner 25 kg

### Shelf life

At least 12 months in well closed vapour-proof packages. Pay attention to the expiry date on the packages.

The above recommendations are given to the best of our knowledge. 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.