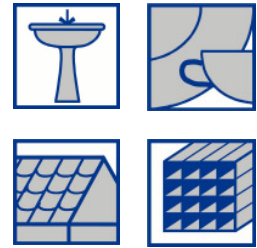


## Plaster additives



## SILUBIT G

In the ceramic industry, plaster is used for the manufacture of models and for the production of casting, rotating and pressing moulds.

Depending on each individual application, the plaster mould must either dispose of special properties or respectively fulfill special requirements.

The **properties of the plaster** and consequently the plaster moulds can be **influenced by various additives**.

**On account of their surface activity**, plaster additives from Zschimmer & Schwarz **act as deflocculants**, which means that the solids content in the plaster slurry can be increased whilst maintaining the same processing consistency. This **increase in the plaster/water ratio** brings about an increase in the mechanical resistance which particularly becomes obvious as an **improved abrasion resistance** and hence leads to a **prolonged working life of the plaster mould**.

Despite an increase in solids content, in most cases **the suction force and the pore characteristics of the moulds are not or only slightly influenced**.