

# GIESSFIX T 74

## Dispersing agent and deflocculant



### Chemical basis:

Silicate preparation

### Characteristics:

Appearance: white powder  
Solubility: water-soluble  
Bulk density: approx. 900 g/l  
pH (1 %): approx. 12.5

### Shelf-life / Packaging:

12 months if stored under proper and dry conditions  
bags of 20 kg

### Application:

GIESSFIX T 74 is suitable for the deflocculation of most silicate ceramic raw materials. Bodies deflocculated with this dispersing agent generally exhibit a broad deflocculation interval. This means that natural raw material variations can generally be compensated.

The deflocculating effect of GIESSFIX T 74 is a result of cation exchange of the additive with the ceramic body, and the influence on the electrical double layer of the body particles that is associated with this.

The product has been modified to reduce the proportion of fine dust to such an extent that any irritation of the respiratory tract is minimized.

GIESSFIX T 74 can be combined with all known deflocculants.

The amount that must be added ranges between 0.1 and 0.5 % of the solids content of the slip.

Since, on account of their differing mineralogical composition, the raw materials react very differently on the various deflocculants and the amounts added, we recommend comparative trials.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.