

# METAMAX S-20

## Stabilizer for metal powder suspensions



### Chemical basis:

Preparation of hydrocolloids

### Characteristics:

Appearance: creme-coloured paste  
Solubility: water-miscible  
Density (20 °C): approx. 1.1 g/cm<sup>3</sup>

### Shelf-life / Packaging:

12 months if stored properly in closed drums; to be protected from frost  
drums of 25 and 125 kg

### Application:

For the production of metal powder suspensions, approx. 1 part METAMAX S-20 is mixed with 9 parts water and subsequently, approx. 23 parts metal powder are stirred into this solution.

Should a higher solids content be necessary, the proportion of metal powder can be increased to approx. 50 - 60 parts. To produce a ready-to-use suspension, the stirring time of approx. 1 hour is generally sufficient.

This suspension can be stored for a prolonged period of time, and it does not show any sedimentation phenomena.

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.