

# PEPTAPON 99

## Rheological additive



### Chemical basis:

Preparation of hydrocolloids

### Characteristics:

Appearance: beige-coloured powder  
Solubility: disperses in water to form a gel  
Bulk density: approx. 600 g/l  
Viscosity  
(1 %, 20 °C): approx. 450 mPas

### Shelf-life / Packaging:

12 months when stored under proper and dry conditions  
bags of 25 kg

### Application:

PEPTAPON 99 is a binding agent and suspension stabilizer for hand and spray robot application. Glazes adjusted with PEPTAPON 99 dry quickly and hence can be applied in thick layers. PEPTAPON 99 improves the bond between body and glaze and provides a touch-resistant finish. Cracking and crawling will not be observed.

Glazes containing PEPTAPON 99 keep a stable viscosity and proved to be most suitable for application by spray robot.

Additions that ensure a good performance in most cases are between 0.4 and 0.7 % on dry glaze. PEPTAPON 99 can be added to the glaze about 1 hour before the end of the milling time. However, it is even better to add it to the glaze slurry by means of a high-speed stirrer, the stirring time being about half an hour. After a swelling time of 6 hours, the glaze is ready for use.

Please note that when using PEPTAPON 99 in stock solutions, glazes and/or body slips, antibacterial biocide use is strongly recommended. Consequently, the dosage needs to be adapted to the process conditions. Adequate products and their specific application instructions can be found on our homepage [www.zschimmer-schwarz.com](http://www.zschimmer-schwarz.com) or will be sent to you upon request.

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.