

PEPTAPON 449

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. 600 mPas

Shelf-life / Packaging:

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

Application:

PEPTAPON 449 is a binding agent and suspension stabilizer for sanitary glazes. Glazes adjusted with PEPTAPON 449 dry quickly and hence can be applied in thick layers.

PEPTAPON 449 improves the bond between glaze and body and provides a touch-resistant finish. Cracking and crawling will not be observed. Glazes containing PEPTAPON 449 keep a stable viscosity for a prolonged period.

Additions that ensure a good performance in most cases are between 0.4 and 0.7 % on dry glaze. The product should be added to the glaze about 1 hour before the end of the milling time. 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-to-use.

Please note that when using PEPTAPON 449 in stock solutions, glazes and/or body slips, anti-bacterial 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 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.