

# PEPTAPON 5

## Suspension stabilizer for glazes and engobes



### Chemical basis:

Hydrocolloid preparation

### Characteristics:

Appearance: beige-coloured powder  
Solubility: disperses in water to form a gel  
Bulk density: approx. 400 g/l  
pH (1 %): approx. 9

### Shelf-life / Packaging:

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

### Application:

PEPTAPON 5 is a non-foaming, inorganic gelling agent that prevents the separation and hard packing of glazes, engobes and particularly of glazes containing raw materials with a specifically high density.

Glazes containing PEPTAPON 5 can be applied to vertical surfaces without streaking. PEPTAPON 5 improves the bond between glaze and body and prevents beading at the edges.

The optimum addition quantity depends on the individual working conditions and requirements and varies between 0.05 and 0.5 %, but is usually 0.1 - 0.3 % on dry glaze. PEPTAPON 5 is either added to the glaze powders during milling, or added as 3 % stock solution.

Glazes containing PEPTAPON 5 do not tend to a decrease in viscosity even during prolonged storage.

Please note that when using PEPTAPON 5 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.