

PEPTAPON 74

Binder and deflocculant for glazes



Chemical basis:

Hydrocolloid preparation

Characteristics:

Appearance: beige-coloured powder
Solubility: disperses in water to form a gel
Bulk density: approx. 600 g/l
pH (1 %): approx. 8
Viscosity
(1 %, 20 °C): approx. 60 mPas
Residue on ignition: 65 % maximum

Shelf-life / Packaging:

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

Application:

PEPTAPON 74 is a non-foaming binding agent with deflocculating effect. It improves the bond between glaze and body and considerably improves the touch-resistant finish of glazes and engobes.

PEPTAPON 74 allows glazing of vertical surfaces without the risk of streaks or excess lines at the edges.

Owing to the special composition of PEPTAPON 74, the glaze suspensions are allowed to be of high density.

PEPTAPON 74 is milled with the glaze or engobe constituents for 1 - 2 hours, the optimum addition depending on the individual working conditions. Generally, it ranges between 0.3 and 0.6 % on dry glaze.

Please note that when using PEPTAPON 74 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 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.