

DOLAPIX G 25

Dispersing agent for glazes and engobes



Chemical basis:

Polycarboxylic acid, sodium salt

Characteristics:

Appearance: yellowish liquid
Active matter: approx. 43 %
Solubility: water-miscible
Density (20 °C): approx. 1.30 g/cm³
pH (original): approx. 8
Residue on ignition: approx. 15 %

Shelf-life / Packaging:

12 months under proper storage conditions
drums of 30, 150 and 1100 kg

Application:

DOLAPIX G 25 is suitable for the deflocculation of various glazes and engobes used in the tiles industry. This dispersing agent allows the production of glaze and engobe slips with a high solids content. The slips are stable in viscosity and show Newtonian flow behaviour. This leads to optimum preparation properties for usual application procedures in the tile industry (double disk, bell, cascade, waterfall).

DOLAPIX G 25 should be added at the beginning of the slip preparation either to the mill or dissolver. A later regulation of the slip viscosity at the glazing line is also easily possible. As DOLAPIX G 25 is liquid and hence is completely dissociated, it has deflocculating effects immediately after being added to the slip. Furthermore, it can be homogeneously mixed with the slip.

Having different compositions, glazes and engobes react very differently to various dispersing agents. Therefore, it is necessary to run preliminary tests in order to determine the most effective deflocculant with its optimum dosage. Here, further DOLAPIX- and GIESSFIX-types are available. For glazes and engobes used in the tile industry, an addition quantity of 0.05 - 0.3 % of DOLAPIX G 25 has proved successful.

Other important preparation properties of the slip, such as for example rheology, drying time, sedimentation and preservation, are optimised by using others of our glaze additives, such as PEPTAPON, OPTAPIX, STELLMITTEL and PREVENTOL® - types.

DOLAPIX G 25 is well compatible with all above mentioned glaze additives at any ratio.

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.