

OPTAPIX G 110

Binder for glazes and engobes



Chemical basis:

Polymers in aqueous solution

Characteristics:

Appearance:	yellowish liquid
Solubility:	water-miscible
Density (20 °C):	approx. 1.08 g/cm ³
Viscosity (25 °C):	approx. 1000 mPas
pH (original):	approx. 8
Residue on ignition:	approx. 0.1 %

Shelf-life / Packaging:

12 months under proper conditions (+2 °C to +30 °C)
drums of 25 and 220 kg, containers of 1000 kg

Application:

OPTAPIX G 110 is an efficient binder used in glazes and engobes to provide a touch resistant finish and to improve the bond between glaze and body. It further prevents spalling at the edges.

The drying time of the glazes is hardly affected. OPTAPIX G 110 does not increase their viscosity, it may even slightly lower the viscosity in some cases.

OPTAPIX G 110 is either milled with the glaze constituents or added at the glazing line.

The optimum addition amount depends on the individual working conditions and ranges between 0.3 and 1.0 %, usually it is about 0.5 %, related to the dry glaze.

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.