



Product information

Glaze additives





Product information

Glaze additives

DH115 Arabic gum

A binding agent for glaze.

CH104 Bentone

Bentone is a highly plastic material, which consists completely of the most active ingredient of bentonite.

- It ensures glaze applied onto an object that has not been fired will shrink in the same way, so adhesion to said object is guaranteed.

- Keeps glaze particles in suspension*.

- Improves brushing quality of a glaze mix.

- Slows drying process, allowing a better absorption of glaze.

Addition: 0,3 - 1%

DH107 Dolapix PC 67

Dolapix PC67 is a deflocculant**, which consists of natrium-polyacrylate.

Used, for example, for making casting clay, fillers and adhesives for unfired work, as well as Terra Sigillata.

There's two reasons to add Dolapix PC67 to glaze:

- Improves brushing quality of raw materials.

- Its deflocculating effect is valuable for glaze mixes with high plasticity materials. (0,4% or more Bentone (or an alternative with similar effects)).

Addition: 0,3 - 1%

DH108 Optapix KG25

A raw material won out of cellulose en belongs to the CMC-type. Optapix KG25 is made specifically for glaze.

Five uses for Optapix KG25:

- Strong adhesive effect, glaze will adhere well to bisque. Smudge-proof.

- Holds water and increases viscosity***, so glaze is brushable.

- Slows drying process, allowing the applied layer of glaze to be distributed evenly.

- Ensures glaze does not separate and is kept well suspended.

- Prevents glaze from sinking and forming a hard crust at the bottom.

Addition: 0,3 - 1%

*Suspension: A liquid with insoluble particles that stay equal.

**Deflocculant: Ensures that small clay or glaze particles cannot clump together or rise to the surface.

***Viscosity: Thickness of a liquid.



DH209 Pehatine 209

Makes powder glazes, pigments, oxides and engobe brushable. Smudge-proof and has an anti-crazing effect. Prevents glaze from sagging. Prepare with water. One part Pehatine, two parts water.

DH106 Peptapon 9

Raw material consisting partially of a CMC-component and partially of a phosphate compound. Use:

- Deflocculant properties, allowing more glaze to be

absorbed into suspension without increasing its viscosity. Glaze will not run as quickly. Using Peptapon is most suitable for glazing onto less absorbent bases.

- Adhering glaze to base.

- Once dry the glaze layer will be smudge-proof.

- Keeps glaze particles in suspension for longer.

All of this to a lesser extent than Optapix KG25, since it possesses lesser adhesive qualities.

Addition: 0,2 - 0,5%

DH109 Stelmiddel ZS (Regulating Agent)

Stelmiddel ZS ensures a glaze stays in suspension.

Prevents sinking of heavier glaze particles.

Addition: 0,1 - 0,3%

CH173 Tylose

Adhesive.

Tylose enhances a glaze's viscosity, more water will be necessary to make such a glaze applicable. This glaze will shrink more.

