



ADICEL V-1830

Binder for glaze. Plasticizer.

PROPERTIES

ADICEL V-1830 is a rheological additive for sanitary ware glazes and slip. It is a plasticizer that regulates the viscosity and drying time without modifying density values. It avoids the formation of cracks over the surface and reduces the glaze shrinkage. Increases the adhesion of dust particles in raw and it regulates the viscosity of the suspensions. It can be quickly dispersed in water. It is recommended for glazes when glazes are sprayed over vertical surfaces.

ADICEL V-1830 can be added to the liquid glaze after grinding and sieving. The product does not require further addition of preservatives in the glaze.

TECHNICAL FEATURES

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|-----------------|-------------------------------|
| ASPECT: | Fine powder of cream color |
| DENSITY: | 1.000-1.015 g/cm ³ |
| VISCOSITY (2%): | 4500 - 10000 cps |
| pH (2%): | 7 - 9 |

MAIN ADVANTAGES

ADICEL V-1830 regulates the viscosity and drying time in sanitary ware glazes. It also increases the adherence of the glaze and its fixation to the support. As a good plasticizer it avoids surface defects of the glaze after firing. Glaze sieving is faster and the product mixes very well with the liquid glaze by mild stirring.

There is no degradation and biocides can be removed from the glaze recipe. It is highly recommended when recycled glaze is used.

WORKING CONDITIONS

ADICEL V-1830 can be added directly to the mill, either initially, or during the last phase of the grinding. It can be dispersed in water to form a gel which can be added to the liquid glaze before application.

After addition **ADICEL V-1830** to glaze, it is necessary to wait maturity period which is at least 6 hours. Finally, glaze must be stirred until homogeneous before using in production.

DOSAGE

There is not a standard dose of the product. It depends on the application. Normal dosages are around 0.10 - 0.55 % related to total mass of liquid glaze.

PRESENTATION

Sacks of 25Kg

The product is stable to a storage prolonged under normal conditions. Avoid extreme temperatures of storage.