



ADICEL V-1642

Rheological Additive for glazes

PROPERTIES

ADICEL V-1642 is a plasticizer for glazes and slip. 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.

TECHNICAL FEATURES

ASPECT:	Fine powder of cream colour
HUMIDITY (packed):	Max.: 7.5%
VISCOSITY (Sol. 2%):	6500 - 9000 cps (at 20°C)
pH (2%):	7 - 9

APPLICATIONS

ADICEL V-1642 increases the adherence of the glaze and its fixation to the support, it also regulates the viscosity and it provides a perfect behaviour to the glaze and slip. As a good plasticizer it avoids surface defects of the glaze after firing.

ADICEL V-1642 is especially recommended to provide glaze HIGH VISCOSITY AND SHORT DRYING TIME.

WORKING CONDITIONS

ADICEL V-1642 can be added directly to the mill, either initially, or during the last phase of grinding. It can be dispersed in water to form a gel which can be added to the liquid glaze before application. If so, the glaze should be left standing for about 2 hours in order to achieve maximum performance of the additive.

For long term preparations it may be necessary a little amount of preservatives depending on the water quality and the nature of the rest of the components in the ceramic paste. We recommend thiazolone based preservatives such as **ADICIDE NTL** or **ADICIDE NTK**.

DOSAGE

There is not a standard dose of the product. It depends on every application. Values between 0.05 - 0.40% are quite frequent.

PRESENTATION AND STORAGE

Sacks of 25 Kg.

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