



Gritmed 9170

Chemical description

Product based on organic derivatives and inorganic materials

Main use

Solid thickener for grits and granulates glaze for airless and vela

Typical values

Appearance at 20 °C: Homogeneous Whitish Powder

PH 2% solution: 8.50 - 11

Viscosity (2% solution, Brookfield RVT @ 20 °C, 20 rpm): 1500 - 3500 cP

Product properties

GRITMED 9170 is a product in powder form used for the application of glaze granulates or micro grits on the surface of the tiles. The product is mixed together with the grits and, thanks to its characteristics of easy dispersion, after adding it into the water, can easily reach an optimal rheology that allows a perfect application with the machines in current use, while maintaining a remarkable suspension.

GRITMED 9170 is perfectly soluble in water and its lubricating properties allow to avoid the clogging of the nozzles Airless, while the excellent binding power keeps the grit perfectly anchored to the surface of the tile.

Applications

GRITMED 9170 is mixed with the microgrits as follows:

	Vela	Airless
Micro grits / GRITMED / Glaze	100% / 1-3% / 10%	100% / 2-4% / 100%

The greater is the content of the GRITMED 9170, the stronger will be the adhesion and the better the suspension of the micro grits.

Working conditions after water addition are as follows:

VELA: viscosity (FC Ø 4 mm) 20" ÷ 30"

AIRLESS: viscosity (FC Ø 4 mm) 13" ÷ 17"

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Acqueous solutions can be prepared with GRITMED 9170, in case a liquid glue is required.

The concentration varies from 1 up to 1,7% in water.

Storage and Handling

GRITMED 9170 is stable to prolonged storage under conditions where extreme moisture does not occur (T^a=5°- 40°C). The shelf life is at least twelve months if this condition is observed.

Packaging

25 KGs five-ply multiwall paper bag having two plies coated with polyethylene.

Material Safety

Consult the Safety Data Sheet

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