



Defomex CS-271

Chemical description

Ethylene and propylene oxides derivatives

Main use

Levelling agent for glazes applied by disk or airless

Typical values

Appearance at 20°C: Clear liquid

Solubility in water : emulsifiable in water

Density : about 990 g/l

Properties

DEFOMEX CS 271 is an extremely versatile antifoaming agent; it prevents foaming when the process involves glazes, fritted glazes and bodies .

Moreover it fixes solutions preparation downing existing foams.

DEFOMEX CS 271 can also be used as surface-active agent: it is practically insoluble in water, but it drastically reduces the surface tension of the glaze slip.

The effects of such surface tension reduction are the following :

- 1) the disk or, rather, the disk blades can produce smaller drops and this effects improves the glaze laying on the tile;
- 2) when the glaze drops have laid on the tile, before getting dry, they can join together because of less cohesion strength and this helps the laying as well;
- 3) as the DEFOMEX CS 271 is an oily liquid, it also allows the disk to be slightly lubricated

Applications

DEFOMEX CS 271 can be added directly to the glaze

Dosage:

Liquid glaze/Defomex (w/w)

100 / 0.05-0.2

Those data have to be considered approximate because they depend on the base glaze applied and on the grazing line condition.

Storage and handling

DEFOMEX CS 271 is stable at normal storage conditions. Store at temperature between + 5°C and + 35 °C.

A slight separation of the water phase in time must not to alarm because it does not influences the product's chemical-physical and applicative properties. Simply by stirring the product will regain homogeneity. If correctly stored the product is stable for at least 12 months

Packaging

125 Kg drums and 1000 kg plastic tanks.

Material safety

Consult the Safety Data Sheet

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