



TECH INFO

EQUO SMART

Liquid admixture for the controlled drying of sand-cement screeds

CHARACTERISTICS:

EQUO-SMART is a chemical additive to control the drying process of sand-cement floor screeds.

The active ingredient of the product is a natural surfactant producing controlled air pores. The addition of EQUO-SMART to the recipe of a sand-cement screed brings to the mixes an excellent workability and finishing properties, a compact structure and high mechanical strength with a low content of residual water.

EQUO SMART appearance is a transparent red liquid
Density 1,00 kg/l
pH 10

APPLICATIONS:

EQUO SMART can be used in a wide spectrum of applications, since it allows the screed to dry quickly. EQUO SMART is especially recommended for screed

up to 5 cm thickness which must reach a moisture not higher than 2,5% after 28 days and have a compact structure to allow the heat transmission by under floor heating systems.

EQUO SMART doesn't impact the application techniques of the screed. However, the workability is clearly improved by this admixture.



USE:

EQUO SMART needs at least 60 sec. mixing time in an appropriate mixer. The mixing provided by a standard screed pump could be not enough powerful. The systems with an appropriate mixing before the pump, like the PLM-SC plants of K.G. Bontira, guarantee instead the best performances of EQUO SMART. In these plants the additive dosing is automatic, according to the set recipe's parameters.

DOSAGE:

The appropriate dosage of EQUO SMART is 2 litres per cubic meter.

WARNING:

The use of EQUO SMART is suggested for applications with room temperature between 5°C and 35°C, as for every cement based product.

The measure of the moisture level is to be done with the calcium carbide test. For rapid assessment values based on electrical impedance are also acceptable.

PACKAGING AND STORAGE:

EQUO SMART is available in 1000 litres returnable plastic tank.

If stored protect from frost and exposure to direct sunlight, EQUO SMART can last up to 12 months.