SUPERIOR QOPAV

New generation superplasticizer admixture for concrete, specific for industrial floors

EN 934-2

CE

DESCRIPTION

SUPERIOR QO PAV is a new generation superplasticizer additive, specially formulated for the construction of industrial floors.

Its formulation, based on modified polycarboxylates, is the result of a long laboratory and construction site research for the resolution of many problems (setting time, reduction of water demand, greater activity in the hydration reaction, ideal for climates hot).

METHODS OF USE

Si consiglia di aggiungere il prodotto nell'impasto umido, dopo che è stata introdotta almeno l'80% dell'acqua da ricetta. Dopo una buona miscelazione, aggiungere l'ultima acqua di correzione fino alla consistenza desiderata.

FEATURES AND ADVANTAGES

It allows to obtain excellent results with any type of cement. Free of chlorides, it can be used in any type of structure, in particular for reinforced or fiber-reinforced concrete. It allows to economize the packaging of concrete for the following technical requirements:

- its use improves all the initial and final characteristics of the concrete;
- at 25 ° C it maintains the initial processing for 1 hour;
- no bleeding phenomena occur in superfluid concrete (consistency S5);
- at the same consistency, it considerably reduces the R a / c, improving the quality of the concrete in terms of resistance, impermeability and, consequently, durability;
- with the same R a / c it makes the concrete superfluid, with concomitant increase in resistance;
- due to its particular and innovative composition, it allows an increase in the hydration process.

Reconciling several peculiarities, it allows to improve the surface characteristics of the flooring, in particular:

- rapid implementation with excellent compaction (increased degree of compaction of the concrete);
- easy finishing (straightening and smoothing);
- homogeneity of the casting;
- uniform ripening.

PHYSICAL PROPERTY

Physical state: liquid
Color: amber
pH (at 20 ° C): 5 ± 1
Density: 1.05 ± 0.02
Use limit: -5 ° C

SECTORS OF USE

SUPERIOR QO PAV is particularly suitable for concrete floors.

CE

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EN 934-2

SUPERIOR QOPAV

Highly effective water reducing / superplasticizer concrete admixture T 3.1 / 3.2

Maximum chloride content 0.1%
Maximum alkali content 0.5%

Absent dangerous substances

SCHEDA TECNICA

- It allows to produce more resistant and durable concrete;
- Reduces vibration times by up to 80% with an evident improvement in environmental conditions;
- Reduction of working times;
- Good surface finish.

SUPERIOR QO PAV is widely used in all works where it is essential to have good workability with a low Ra / c, good initial and final strength, as well as the improvement of impermeability and resistance to chemical aggression.

This product is compatible with all additives from the SUPERIOR and TEKSUPERFLOW ranges.

DOSAGE

SUPERIOR QO PAV has a variable dosage between 0.6% and 1.2% on the weight of the binder. The optimal dosage (and the type of product) is in any case determined according to the specific working conditions, according to the components of the concrete available and according to the temperatures.

For different dosages, we recommend that you consult the TEKNA CHEM technical staff.

VALIDITY

The product retains its characteristics for 12 if protected from frost or excessive heat, stored in its original packaging.

PACKAGING

25 kg plastic cans
200 kg drums
1050 kg tanks
Bulk in tank.
Special automatic dispensers can be supplied on request.

LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in their own conditions of use and operation. We therefore decline any responsibility for improper use of the product.

SCHEDA TECNICA

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