

Effective capillary crystalline waterproofing additive in concrete

DEFINITION

HYDROCON 100 capillary pores of the concrete and gaps structural waterproofing filling with chemicals contained Providing a concrete contribution.

usage areas

- * Water reservoirs, dams, water treatment plants, swimming pools.
- * Drinking water in the tank.
- * Basic concrete, retaining walls, bridges, tunnels and canals.
- * Chemicals and strength concrete in the environmental impact.
- * mass concrete.
- * in precast elements.

FEATURES

- * Concrete increases resistance to aggressive chemicals.
- * increases the resistance of concrete to sulfuric acid and sulphates.
- * improves the freeze-thaw resistance of concrete.
- * slow down the corrosion of reinforcement in concrete.
- * Koros has no effect. It will not damage the equipment.
- * it does not contain chlorine.
- * Concrete capillary effect is permanent and structural waterproofing
- * It is resistant to water pressure up to 14 bar.
- * Positive and is resistant to water pressure from the negative direction.
- * cracks and capillary can then be formed in concrete Fill in the gaps. (Max. 400 microns).
- * used in drinking water tanks. It is not poisonous.
- * improves the early and final compressive strength of concrete.

HARMONY

HYDROCON 100 can be used with the following materials;

- * Portland cement, fly ash, slag. test before using in conjunction with other concrete additives

Make and consult our technical service.

PACKAGING AND STORAGE

30 kg pail, 250 kg drum, 1200 kg IBC.

In the original packaging, in dry and sheltered least +8°C shelf life when stored for more than 1 year.

If the product crystallize at low temperatures froze to stand at + 20 ° C After mixing thoroughly solved available.

material prior to use in long-term storage

It should be mixed thoroughly with a mixer.

SAFETY AND SECURITY

Contribution of the skin and eye contact should be avoided, plenty of water to be washed. Just a few cups of water if swallowed drink and seek medical advice. plenty of water in contact with the eyes

Wash with medical help should be taken.

During use gloves, masks and goggles

It should be used.

Contribution of the skin and eye contact should be avoided, plenty of water to be washed. Gloves should be worn during use.

DOSAGE

Water: cement ratio of Use

(By weight of cement)

<0.50%, 2

> 0.50%, 3

HYDROCON 100 contribution of the concrete to be effective water / cement ratio should be no more than 0:55 of.

USAGE AREAS

In the ready mix concrete plant with water;

* 70% after the use of a mixture of water HYDROCON 100 additive is added to the concrete. a homogeneous mixture of Mix thoroughly until you get the desired workability.

Ready mix concrete plant on the concrete in tranmikser;

* on the Truckmixers ready-mixed concrete, mixer rotates, diluted HYDROCON 100 contribution

After stirring for at least 5-10 minutes, slowly added concrete mixer truck may occur.

Ready age into the concrete truck mixers on site:

* on the Truckmixers ready-mixed concrete, mixer rotates, diluted HYDROCON 100 contribution

slowly added and then stirred for at least 10-15 minutes concrete is poured.

Precast concrete plant:

HYDROCON 100 additive mixture with water or the

It is added to the concrete as the last component.

WARNING

* contribution that HYDROCON 100 contain water and additivesThe total of the additional concrete water / cement ratio increase because it will show, class of consistency in the concrete plant It must be produced in a subclass. Thus concrete on site When cast in HYDROCON 100 added contribution an upper range will be obtained the desired consistency.

* Due to the material structure of the dosing apparatus scaling / may crystallization. Therefore apparatus Wash thoroughly on a regular basis.

* scaling may occur in the mixer / against crystallization measures should be taken.

* HYDROCON 100 years after the contribution is added ~ concrete must be processed within 45 minutes.