

Teknomer 120

Capillary Crystallized Liquid Waterproofing
Concrete Admixture



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Product Description

Water-impermeable concrete admixture that reacts with the chemical substances in the structure, moisture in the concrete and free lime in the crystallized structure, and waterproofing in the negative and positive direction.

Areas of Usage

- On the bases, on reinforced concrete walls,
- Fore pit tents,
- In swimming pools,
- Underground car parks,
- Tunnels,
- Dams,
- In precast concrete elements,
- in drinking water and waste water tanks,
- In treatment water plants,
- In swimming pools,
- Used in mass concrete.

Features and Benefits

- It makes concrete impermeable to water pressure on positive and negative sides.
- It saves labor and time cost.
- It is the most suitable solution for bored pile foundation insulation.
- Since it is liquid, it does not agglomerate during mixing.
- It is always active.
- Protect concrete reinforcement against corrosion.
- Concrete does not prevent breathing.
- Increase strength and freeze-thaw strength of concrete.
- It does not contain chlorine, it does not damage the equipment.
- It's easy to use.

Application Instructions

Add 1-3% to TEKNOMER 120 concrete mixer and mix for 3-5 minutes. Pre-testing is recommended for different applications.

It should be noted that the ratio of cement water mixture of concrete to be joined to TEKNOMER 120 is less than 0,55. TEKNOMER 120 is thoroughly mixed before use. The duration of the study is 45 minutes after the TEKNOMER 120 participated in the bedding. It is useful to use a set retarder when CEM II and III type Portland cement is used. Compliance tests must be performed before use. If TEKNOMER 120 is stored below +8°C, crystallization may occur. The material can be used again after mixing and homogenizing.

Application Notes / Restrictions

- It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The product should be cleaned thoroughly with water and detergent before it is fully cured and hardened. We protect you against freezing.
- The product may be irritating to the skin; work clothes, protective gloves, masks and glasses must be used. Protective cream can also be applied before starting work. In case of grout contact with eyes, eyes should be washed immediately with warm water and consult a doctor.
- Do not add foreign matter.
- If the added Teknomer 120 humps from the amount of water, the strength increase will also be seen.

Technical Data

General Information	
Color / Appearance	Transparent brown liquid
Package	30 kg drum, 200 kg drums
Shelf life	The cover can be stored in its unopened package for 12 months.
Density (kg/ltr)	1,12 (± 0,03)
Structure	inorganic Mixture
PH	>10

Consumption

If the water / cement ratio is ≤ 0.45 , it is 2% of the weight of the cement in the concrete mixture
If the water / cement ratio is ~ 0.45 , it is 2,5% of the weight of the cement in the concrete mixture
If the water / cement ratio is ~ 0.45 , it is 3% of the weight of the cement in the concrete mixture

