

Tekno 1

Waterproofing Liquid Concrete Admixture.



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Product Description	Reacting with cement and sand in the mixture of concrete and mortar, ready-to-use, liquid water impermeability concrete admixture.
Areas of Usage	<ul style="list-style-type: none">• In foundations,• Channels,• Pool, Water storage,• In engineering structures such as metro, highways, dams,• In water ponds and all concrete applications.
Features and Benefits	<ul style="list-style-type: none">• Ready to be applied.• It is economical.• The span does not have an effect on the setting time and strength.• Since it does not contain chlorine, it does not harm concrete.• Concrete does not cause corrosion of the equipment in the structure.• It allows the surface to breathe while blocking water penetration.
Application Instructions	<p>Shake the product before use.</p> <p>1 Unit Tekno 1 with 10 units of clean water thoroughly mix in a clean container. In order to obtain better results, it is suggested to mix the water with Tekno 1 in equal quantity first and then add the rest of the water.</p> <p>Walls: Apply the mortar mixed to a smooth consistency with a steel trowel to be 6 mm thick in each layer. The second coat should be applied after the first coat begins to harden (usually 4-5 hours). If the second coat is to be applied four times, apply a 'thin' mortar layer prepared with water only to increase the adhesion of the last coat after the third coat application. The intermediate layers should not be etched for roughening in order to obtain better adhesion strengths. The last coat application should be done with wooden trowel to prevent sherbet residues from forming on the surface.</p> <p>First coat (1:1): The dry mixture should contain the same amount of cement and sand (passing through a 3 mm elbow). Then the TEKNO 1 mixture is added and mixed.</p> <p>Second coat (1:1,5): Prepare the mixture of 1:1.5 cement: sand (passing 3 mm elet) and add TEKNO 1 mixture.</p> <p>Third coat (1:2,5): The dry mix ratio should be 1:2.5 (cement: sand). Add the mixture of TEKNO 1 and mix.</p> <p>Finish coat (1:1) (on second or third coat): Dry mix should be applied with 1:1 (volume) cement: sand and mortar produced without adding TEKNO 1.</p> <p>For best results, the cement should be fresh Portland cement. Sand; It should be clean, angular and small in size of 3 mm. Soft and round grain sand is not useful.</p> <p>Flooring: Application with primer (Water, TEKNOLATEX, sand, cement) application and normally two layer brush is as follows;</p> <p>Bonding coat (1:1): After the mixture of cement and sand, TEKNO1 mixture is added, mix until a plastic consistency is obtained.</p> <p>Main ground coat (1:2,5): When the mixture is semi-dry, place on a still wet layer of adhesive so that it is not thinner than 28 mm, and knock the moisture up to the surface. Fix the surface with a wooden trowel.</p>

Application Notes / Restrictions

- During the application of the product, work clothes suitable for occupational health and safety rules should be worn and appropriate glasses and mask should be used.
- The hands should be washed with soap and water on skin contact. In case of contact with eyes, always consult a doctor.
- It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. Hands should be cleaned thoroughly with water and detergent before concrete or mortar is fully cured and hardened.

Technical Data

Chemical composition	Inorganic Compounds
Package	30 kg Drum / 200 kg Drum
Color	Yellow
Density (kg/lit)	1.05 ± 0.03
PH	10 ± 1

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 28 days.

