



## BETEK BUILDING CHEMICALS

### **BETEK-1®**

Betek-1 is a liquid mortar admixture that makes the mortar easy to mix, provides impermeability by filling the gaps in the mortar and prevents the possible cracks in the mortar.

#### **APPLICATION SURFACES**

Used in all kinds of plaster and screed applications exposed to water and moisture, exterior plasters and pool, cesspit, waste water treatment facility, basement, bathroom, terrace plasters and screeds. Used in all mortar mixtures that are composed of sand, cement and pebble and don't contain any reinforcement.

#### **APPLICATION**

Ensure the surface is clean and solid by removing all broken or breaking pieces and damping the surface. Ensure the sand is alluvium-free, clean and angular that is sifted through 3 mm sieve. Ensure cement is fresh and intact. Do not add lime to the prepared mortar.

#### **WATER INSULATION IN PLASTERS**

With the addition of Betek-1 into the plaster mortar, full insulation is ensured without preventing the breathing of the surface.

For this purpose, the mixing water that is obtained by mixing 9 units of water with 1 unit of Betek-1 is added to the dry plaster mix, and this mortar is applied to the surface in 2 coats. Lateks is recommended to be added to this mixture in an amount that is equal to the 10% of the cement weight if good adhesion and flexibility are requested.

#### **PLASTER APPLICATION AGAINST GROUND HUMIDITY**

Block the sources of leakage if there are strong water leakages on surface. Create adherence bridge with Lateks. Mix 1 unit of Betek-1 with 9 units of water. Add this mixing water to 400-500 doses of mortar, and apply to the surface.

#### **INSULATION AGAINST PRESSURE WATER**

Ensure the application surface is dry and clean. Mix 1 unit of Betek-1 with 9 units of water. Prefer a mixture in 1:8 or 1:6 ratio if the sand is wet. Mix the Betek-1 mixing water frequently while preparing the mortar. Plaster the first coat of Betek-1 mortar with 1 unit of cement and 1 unit of sand in 5 mm thickness. Plaster the second and third coats of Betek-1 mortar with 1 unit of cement and 1 unit of sand in 2-3 mm thickness. Do not move on to the next coat before the first coat is absorbed fully. Polish the last coat with 1:1 cement:sand ratio.

#### **CONSUMPTION**

1 unit of Betek-1 is mixed into 9 units of water in average depending on the amount of mortar mixture water.

The specified consumption values are approximate. Since there will be differences based on the number of pores and holes on the surface, the precise consumption can only be determined at the end of the application.

#### **STORAGE**

May be stored for 2 years in its unopened package by protecting against frost.

#### **PACKAGING**

5 kg, 20 kg plastic pails

#### **HAZARD DESCRIPTION**

Xi Irritating.

### Hazard statements

H315 Causes skin irritation.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

P321 Specific treatment (see on this label).

P362 Take off contaminated clothing and wash before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

