

K-250

CRYSTALLINE CONCRETE ADMIXTURE



DESCRIPTION

- The powder mixture is a water impermeable concrete admixture that reacts with the moisture in the concrete and forms a crystal structure that does not dissolve in the capillary cracks and pores, and its effect continues as water comes.

INTENDED USES

- In foundations and reinforced concrete curtains,
- In underground car parks,
- In dams and pools,
- In warehouses and basements,
- In elevator pits,
- In water channels,
- In waste water tanks,
- Bored pile foundations,
- It is used in precast concrete elements.

PROPERTIES

- Easy to apply and saves time/cost in projects.
- Increases the compressive strength of concrete and protects the concrete throughout its life.
- Even if the concrete surface is damaged, its protection properties remain unchanged.
- Prevents rebar corrosion. Even if the concrete surface is damaged, its protection properties remain unchanged.
- Does not adversely affect the freeze-thaw resistance of concrete.
- Protects concrete against positive and negative water pressure.
- After curing, it closes the cracks up to 0.4 mm with crystallisation effect.

APPLICATION

- Water / Cement should be ≤ 0.55 in concretes to be applied.
- **K-250 Crystalline Concrete Admixture** is added to the mixer by mixing with a ratio of 1: 0.4 in a clean container.
- Mix it for at least 5 minutes for homogeneous distribution of the product in the mixer.
- Then the prepared concrete is poured.

TECHNICAL DATA

Appearance	: Off-white powder
Application temperature	: (+5°C) - (+30°C)

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

WARNINGS AND RECOMMENDATIONS

- When using **CEM II and III** type Portland cement, it is useful to use some drying slower products.
- Conformity tests must be carried out before use.
- When using **CEM IV** type cement, strength tests must be performed.
- Working time is approximately 60 minutes after adding **K-250** to concrete.
- The application must be done by an expert practitioner from our dealer.
- The responsibility of the applications not made by the expert practitioner belongs to the practitioner.
- If special additives are added to concrete, conformity tests should be carried out if necessary.
- **K-250** added concretes should be produced, poured and placed according to the appropriate norms.
- **K-250** has no corrosive effect and does not damage the rebars.
- The product must be protected from frost.

CONSUMPTION

- It is recommended to use 0.8-1% by weight of cement amount.

PACKAGING

- 20 kg Plastic bucket
- 5 kg Plastic bucket

SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 6 months from the date of manufacture.

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

KOCAELİ KOBİ Organize Sanayi Bölgesi 18. Cadde No: 22 Köşeler - Dilovası / KOCAELİ

(0 216) 469 66 33 | (0 262) 728 11 10 | www.myfixyapikim.com | myfixyapikimyasallari