

## **KALMATRON® KF-Jet APPLICATION INSTRUCTIONS**

**KALMATRON® KF-Jet** designed as an admixture to the dry cement powder for production of Fast Setting Cements with controlled initial setting time. Distinctive difference from known products is that the mortars and concrete after application has twice lower drying shrinkage cracks, higher compressive strength and effective hardening time.

### ■ **PREPARATION**

To achieve required level of performance, apply KF-Jet as follows:

1. Apply 10 Kg of KF-Jet per 1000 Kg of cement to get KF-Jet 10 with 10+20 min set time;
2. Apply 12.5 Kg KF-Jet per 1000 Kg of cement to get KF-Jet 5 with 5+10 min set time;
3. Apply 17.5 Kg KF-Jet per 1000 Kg of cement to get KF-Jet 3 with 3+5 min set time.

### ■ **APPLICATION**

1. Apply in accordance with the standard technologies for Fast Setting Cements.
2. Use water to cement ratio for concrete mixes at **0.49** and for mortars at **0.42**.
3. For injections apply water to cement ratio at **0.65**.

### ■ **EXPECTED RESULTS**

1. Shrinkage is lower at 2 to 3 times.
2. Exothermic heat is lower by 30% to 50%.
3. No cracks, flakes, efflorescence, dusty spots, sliding, and dilatation seams and gaps.

### ■ **ESSENTIALS**

1. Applicable with low grade cements or cements that lost or behind of they cementitious and hydration values.

### ■ **SAFETY**

Operation with KALMATRON® KF-Jet is similar to cement mixing jobs. Always use an approved respirator and rubber gloves. In case KF-Jet is inhaled or gets in contact with the eyes, rinse and wash abundantly with water.