



KALMATRON®

KALMATRON® KF-A is a powder admixture to concrete mixes. **KF-A** provides extension of the cement gel surface by decay-hydration of the cement grains from 100µm to 10µm during the first 20 minutes. This increases cementitious value and volume of the cement rock.

Completed cement hydration by **KF-A** makes it possible to completely replace **SILICA FUME** and **MICROCEMENTS** at a fraction of the cost.

Features

- ❖ Water Reducer
- ❖ Plasticizer
- ❖ Shrinkage Controlling
- ❖ Curing Compound
- ❖ Strength Gainer
- ❖ Impermeability Performing Agent
- ❖ Corrosion Inhibitor



Benefits

- ❖ Highest volume of cement hydration completes concrete formation without curing.
- ❖ Exothermic heat is lower at 30% to 50%. There are no shrinkage cracks and slab's curling.
- ❖ Yield of mixed batch is higher by 8% to 14% of cement gel.
- ❖ Water impermeability of plaster at ¾" thick and 2" of concrete thick is 100% respectively.
- ❖ Early strengthening at 1st to 3rd days at 25%.

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