



KALMATRON®

PRODUCT LINE CARD

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ADMIXTURES

KALMATRON® KF-A

KF-A is the Swiss Army Knife of Concrete Admixtures - it is a water reducer, plasticizer, water proofing and shrinkage controlling agent, curing compound, corrosion inhibitor, cement upgrading and high early strength admixture. Safe for food and drinking water, NSF Reg. #136880, Category Codes: R2 and RX-2

K100® - The liquid version of KF-A, ideal for smaller batch sizes. K100® has all of the benefits of KF-A, plus it can be used with salty aggregates and seawater as batching water.

KC - Cement class upgrading compound for low grade and aged/abandoned OPC

KF-SEA - Admixture to salt-contaminated sand and gravel. Designed to be used with aggregates and salt water taken from the seashore. Highest resistance to corrosion and liquid impermeability.

ROAD REPAIR & PATCHING

KF-K - Road patching, fast-setting compound. Repaired road is ready for traffic in 1.5 to 4 hours

EARTH MATERIAL SEALANTS

KF-D - EMS for dust control and soil stabilization, waterproofing agent

PROTECTIVE COATINGS

KF-B - Anti-leak, ideal for damp environments

KF-F - Versatile protective coating for concrete and masonry

KF-H - Anti-decay shielding coat for wooden and concrete structures

KRETE100® - Concrete overlay, increases strength; light weight coating

THERMAL RESISTANT COATING

KF-I - Thermal resistant and acoustic impeding protective insulation

REGENERATIVE SPRAYS

KF-G - Heals shrinkage cracks and restores strength and impermeability

LEAK PATCHING MATERIALS

KF-C - Fast setting, anti-leak plug compound, just mix KF-C powder with water and apply by hand, trowel or spray gun. Instantly stops even high pressure leaks, KF-C can also be used underwater.

SETTING TIME CONTROL AGENT

KF-JET - Controls cement set time, ranging from 3, 5, and 10 minutes

RADIATION SHIELDING MATERIAL

KF- $\alpha\beta\gamma$ - Radiation shielding material, available as an admix and coating. Radiation attenuation is 40% higher than regular concrete. Impermeable to liquids after 4 hours. Please view the test results [here](#).

INCINERATED INDUSTRIAL WASTE UTILIZATION

KF-ASH - Additive that utilizes over 50% IIW (Incinerated Industrial Waste) from the weight of cement. KF-ASH effectively seals any contaminants, preventing harmful leaching. Safe for the environment, ideal for light weight insulation blocks and panels. Works with all types of IIW, including volcanic sand, recycled glass, and waste from metallurgical facilities.



KALMATRON®

KALMATRON® concrete class upgrading admixtures

ABOUT US

Kalmatron® Corporation was founded by Dr. Alex V. Rusinoff, who invented Kalmatron® in 1982. His theory explained how the properties of concrete can be improved by changing the gel-crystalline ratio in the cement structure and by creating mechanisms that decay the individual cement grains.

Dr. Rusinoff found a way to upgrade conventional concrete to high performance concrete and developed the entire Kalmatron® product line, which consists of over 15 different powdered and liquid admixtures.

Kalmatron® admixtures offer a host of improvements to concrete, including but not limited to:

- Waterproofing
- Increasing batch workability
- Increasing compression strength
- Protection against rebar corrosion and rust
- Protection from the seepage of engine and diesel oil
- Reducing the effects of carbonization
- Reducing penetration of chloride salts and acids

For a full description and gallery of the products please visit www.kalmatron.com



KALMATRON®

Product name: KALMATRON® KF-A

USA PATENT 5,728,208

Manufacturer:

KALMATRON® Corporation

276 Michelle Court,

South San Francisco CA 94080

Uses: Admixture for concrete and mortar.

Trademark KALMATRON®: PATENT #2,724,832;

KALMATRON® KF-A is a powdered
concrete class upgrading admixture

- Water reducer
- Plasticizer
- Controls shrinkage
- Curing compound
- Strength and impermeability
- Inhibits corrosion
- No shrinkage cracks or slab curling

