■Micro-cement Replacement by Cement particles size reduction

The fineness of cement grinding is a vital property of the cement's value, determining the field of application, durability and price.

Fine cements with particle diameters of 5 μ m to 20 μ m are the best for injections into the micro cracks of damaged structures, enforcement and restoration of the soil formed structures, architectural and sculptural elements.

The property of KF-A admixture to decay-hydrate cement grain results in the cement particle size reduction that allows it to replace Micro-Cements. Premix of KF-A into regular Portland Cement Type I; II obtains maximal volume of cement particles with diameter up to 25 μ m, where dominating median size is at 5 μ m to 15 μ m. The same cement without KF-A has dominating median size at 40 μ m to 60 μ m.

