

The invention relates to building, reconstruction and repair of buildings and constructions. A liquid glass composition for strengthening of weak water-saturated fine sand soils contains liquid glass, hydrofluosilicic acid of increased density and additive of C-3 superplasticizer in the amount of 7.9 wt.% of liquid glass calculated by dry substance. This additive is introduced by adding of thin stream into aqueous solution of liquid glass with density of 1200-1300 kg/m³ with continuous agitation to homogeneous solution and further agitation to homogeneity with aqueous solution of hydrofluosilicic acid with density of 1070-1090 kg /m³ in volume ratio of 1: (0.10-0.12). The invention provides for significant increasing of permeable ability, strength and water resistance of liquid glass composition, as well as ensures its suitability for strengthening of water-saturated fine sand soils.