

The invention relates to a composition of complex admixtures, used in the production of concretes, mortars, concrete and reinforced concrete products. The complex admixture for concrete mixtures and mortars comprises superplasticizing agent based on polynaphthalene sulfonate (PNS), mixture of ballast salts of desulfurization (MBS), and sodium formate and alkali component. As alkali component it contains technical sodium phosphates and additionally technical lignosulfonates (LST), in such component ratio, mass %: 50-90 of PNS, 0.5-40 of sodium formate, 3-15 of technical sodium phosphates, to 25 of LST, MBS – the rest. The increasing of storage consistency of the concrete mixtures and mortars and maintenance of the unchangeability of admixture properties by the storage at Ph value and construction materials with its use due to the construction performance characteristics – plasticity, storage durability of flowability, freeze resistance are provided.