

The invention relates to the industry of building materials and can be used for increasing of reliability and durability of cement-concrete products, structures and constructions. A process of surface secondary protection of cement-concretes from carbon-dioxide (carbonate) corrosion. The set problem is solved in such way, that the successive application of 5 % high alkaline water solution of silanolats alkaline metals on the surface of concrete is used, which provides barrier layer against carbonization of cement stone, with further hydrophobization of surface with the help of 5...20 % solution of oligomethylphenylsiloxane resin in organic solvent.