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INFLUENCE OF SELECTED ADMIXTURES ON THE MICROSTRUCTURE OF RENOVATION PLASTER MORTARS

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Abstract
In the environment in which the renovation plaster mortars are exposed to moisture, followed by the crystallization of salt, their required durability is obtained by aeration. Aeration increases the porosity and resistance to salt crystallization, significantly changing the properties of plaster mortars. The paper presents the results of research on the influence of aeration and hydrophobizing admixtures on the porosity and pore size distribution in renovation plaster mortars. It was found that when aeration admixtures are used together with hydrophobizing admixtures, there may be problems with maintaining the proper degree of aeration of the mixture.

Keywords: **Microstructure of the renovation plaster mortars; Mortars admixture; Porosity; Renovation plaster mortars.**