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Pore Structure of Cement-Based Materials: Testing, Interpretation and Requirements. The text presents the principles and practical applications of the techniques used, organized in an easy-to-follow and uncomplicated manner, providing the theoretical background, the way to analyze experimental data, and the factors affecting the results.

Pore Structure Of Cement Based

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Effect of sodium silicate- and ethyl silicate-based nano ...

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The pore structure of cement-based materials contains air voids, capillary pores, and gel pores, and the pores are randomly sized, arranged, and connected [5]. It is a well-known fact that porosity is one of the key parameters which directly affect the strength and durability of cement-based materials [6, 7].

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