

97-0157

The invention relates to the testing of building material properties, namely: strength and deformation and can be used for testing of binding materials properties, in particular, cement slurry, mortar and structural concrete, hardening under load and temperature influence.

Method for compression testing of hardening material specimens includes making of specimens in the form, loading thereof in the plastic state, release of specimens of the form after the end setting time under loading and carrying of specimens to destruction after release thereof of the form at the continuous measurement of deformations from the loading moment up to the end of the test. After loading of specimens in the plastic state they are keeping under loading with simultaneous influence of positive and negative temperatures and after release of specimens of the form they are subject to the further temperature influence.

The technical result of the invention consists in the opportunity of revealing of actual influence of loading and temperature on strengthening, deformability and structural changes of a hardening material, expansion of a technological opportunity of test of a hardening material both in not hardened and in the hardened state.

Claims: 1

Fig.: 4