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The invention relates to the civil engineering, particularly, to testing the hardening material properties and may be used for cement, precast and monolithic concrete, stone structures mortars and other hardening in time materials by method of breaking off with spalling.

The process comprises manufacturing the specimens into the moulds at the simultaneous dislocation of the reinforcing elements therein, loading the specimens in the plastic state, hardening the specimen into the moulds, extraction of the specimens from the moulds after setting the material under the load, curing and hardening of the specimen during a time period in accordance to the test conditions and testing the specimens at breaking out with spalling by breaking away the reinforcing elements being under the load at further taking the specimens to the destruction. From the moment of loading the material in the plastic state and till the test end, curing and hardening the specimens under the load is carried out in accordance to the test conditions at the simultaneous action of the positive or negative temperature or without thereof.

The technical result consists in the possibility of detection of the load and temperature effect on the hardening material properties and in obtaining the real values thereof.

Claims: 2

Fig.: 2