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The invention relates to the civil engineering, particularly, to testing the bond between reinforcement and the hardening material at the simultaneous load and temperature action.

The method comprises samples formation at the simultaneous introducing the reinforcement bars into the material, dislocation of the moulds with samples into the testing apparatus, samples loading in the plastic state, samples hardening into the moulds, removing the samples from the moulds after the setting period at the load action thereon, further hardening of the samples under the load into the testing apparatus, destruction of the samples by breaking away the reinforcement therefrom and determination of the cohesive force. The hardening of the samples into the moulds, further hardening thereof as well as bond testing are carried out at the positive and/or negative temperature action.

The technical result consists in the detection possibility of the real influence of the load and temperature on the bond strength as well as on the tension-deformation state in the hardening materials.

Claims: 1

Fig.: 1