

عنوان مقاله:

Effect of Different Environmental Conditions on the Repair/concrete Bond Strength

محل انتشار:

دومین کنفرانس بین المللی مقاوم سازی لرزه ای (سال: 1388)

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خلاصه مقاله:

Since the bonding strength of adhesives is influenced by the environmental conditions, this paper discusses the results of the experiments conducted in order to assess these effects on the adhesion between the repair and the substrate concrete. The environmental conditions studied included aging, underwater storage, freeze-thaw and cyclic temperature changes. By employing the pull-off method, the residual bond strengths of both resinous and cementitious repair materials are presented.

کلمات کلیدی:

Concrete, repair materials, bond strength, environmental conditions

لینک ثابت مقاله در پایگاه سیویلیکا:

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