

عنوان مقاله:

Durability of self-compacting concrete in corrosive environments

محل انتشار:

اولین کنفرانس بین المللی تحقیقات پیشرفته در مهندسی عمران، معماری و شهرسازی (سال: 1402)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

Self-compacting concrete has a longer durability than conventional concrete, due to its unique compactness and better quality. The durable proposition is one in which there are two aspects of economic and safety, which, if not sufficiently precise, will cause financial, psychological and even environmental threats. One of the destructive and life-saving factors in the wet and humid environment is the corrosion of the reinforcement, which causes considerable damage to the repair, renovation and maintenance of the structure. The durability of concrete in contrast to environmental conditions such as acid rain, chemical erosion and the effects of physical abrasion varies, and the use of concrete in different members of the structure can cause the shape and properties of the concrete to change, so the theme and theme of this paper have been tried to reflect the reliability and The durability of structures constructed with concrete SCC.

کلمات کلیدی:

durability, self-compacting concrete, corrosion

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1733229>

