

عنوان مقاله:

New Developments in Chemical Admixture Technology for High Performance Concrete

محل انتشار:

اولین کنفرانس بین المللی تبادل اطلاعات علمی در زمینه مصالح و سازه های بتنی (سال: 1403)

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خلاصه مقاله:

This article presents an overview of the modern technology of concrete admixtures and the current state of its development, describes the main technologies as well as the gaps that exist in each area. It also shows the possibility of using PCE in difficult applications. Furthermore, production and application of other admixtures including C-S-H-PCE nanocomposites as accelerator are reviewed. A forecast of possible developments and innovations in the future is given in the conclusion

کلمات کلیدی:

Admixtures, polycarboxylates (PCE), superplasticizers, nanocomposites, concrete properties

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