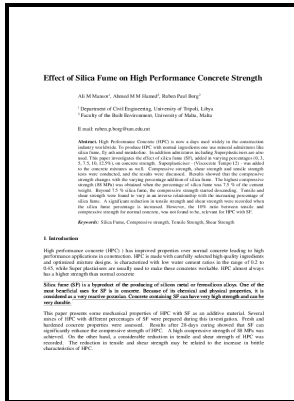


High performance concrete - properties and applications

McGraw-Hill - Concrete Design & Production



Description: -

- Concrete construction.

Concrete. High performance concrete - properties and applications

- High performance concrete - properties and applications

Notes: Includes bibliographical references and index.

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Structures Design Office

It is used where the concrete is vulnerable to freezing and thawing action. Note that high strength concrete does not guarantee durable concrete. Generally smaller maximum size coarse aggregate is used for higher strength concretes.

High strength concrete properties, admixture, and mix design Concrete

Hence, the selection of coarse aggregate would be an important step in High Performance Concrete design mix. Overall, this material offers solutions with advantages such as speed of construction, improved aesthetics, superior durability, and impermeability against corrosion, abrasion and impact—which translates to reduced maintenance and a longer life span for the structure.

High performance concrete (1994 edition)

Concrete as a Carbon Sink The topic of global climate change is frequently in the news. Extensive coordination with the Structures Design Office will initially be required in order to develop acceptable final designs. Therefore, by using high strength concrete which is usually more expensive than normal concrete results in not only saving floor area but, also saves the extra steel reinforcement for an extra strength.

High Strength Concrete — What, why, & how?

Preparation of High Performance Concrete Mix High strength concrete mix can be prepared with careful selection of ingredients and optimization of mix design.

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