IN-LB	Inch-Pound Units
SI	International System of Units

Durable Concrete—Guide

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This guide describes specific types of concrete deterioration. Each chapter contains a discussion of the mechanisms involved and recommended requirements for individual components of concrete, quality considerations for concrete mixtures, construction procedures, and influences of the exposure environment, which are all important considerations to ensure concrete durability.

This guide was developed for conventional concrete but is generally applicable to specialty concretes; however, specialty concretes, such as roller-compacted or pervious concrete, may have unique durability-related issues that deserve further attention that are not addressed herein.

Keywords: abrasion resistance; alkali-aggregate reaction; chemical attack; curing; deterioration; durability; freezing and thawing; physical salt attack; sulfate attack.

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