# Report on High-Volume Fly Ash Concrete for Structural Applications

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## Report on High-Volume Fly Ash Concrete for Structural Applications

Reported by ACI Committee 232

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This report presents technical information to support the use of high-volume fly ash concrete for structural applications. The advantages and limitations of high-volume fly ash concrete are discussed, and the characteristics of the fresh and hardened materials and the durability of the material to various aggressive environments are covered. Field applications are presented along with sustainability features.

**Keywords:** alkali-silica reaction; compressive strength; corrosion of reinforcement; cracking; deicing salts; fly ash; heat of hydration; mixture proportions; modulus of elasticity; shrinkage; sulfate attack; sustainability; tensile strength.

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