

Air-Entraining Admixture

Overview

Hilltop Companies uses air-entraining admixtures to produce concrete with extra protection from freezing and thawing cycles and deicing salts.

Benefits

Air-entraining admixtures limit damage from cyclic freezing and thawing, reduces scaling from deicing salts, improves plasticity and workability, improves air-void system in hardened concrete, and reduces permeability, segregation and bleeding.

Technical Specifications

Air-entraining admixtures help to entrain and retain air in low-slump concrete, concrete containing high-carbon content fly ash, concrete using large amounts of fine materials, concrete using high-alkali cements, high-temperature concrete, and concrete with extended mixing times.

Uses

Air-entraining admixtures are often used in high-quality normal and lightweight concrete that will be exposed to repeated freezing and thawing cycles.



Plants

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