

Pozzmix

Supplementary Cementitious Material

Description

Versatile, high quality product with both cementitious and pozzolanic properties

Uses

Pozzmix is a supplementary cementitious material, used to enhance the performance characteristics of concrete mixtures for a broad spectrum of applications. When combined with hydraulic cement, POZZOMIX is designed to offer increased strength, improved workability, reduced heat evolution and enhanced ASR, as well as resistance to sulfate attack or harsh chemical environments.

Advantages

- Reduces heat gained due to cement hydration.
- Increase density of concrete.
- Reduces plastic dry shrinkage and thermal cracks.
- Provides protection against chemical attack.
- Reduces the penetration of chloride ions in concrete.
- Improve durability.
- Increase Compressive Strength in concrete compared with traditional cement replacements.
- Reduces the apparition of Efflorescence by Reacting with the lime released from the hydration of Portland cement

Standard Compliance

Pozzmix meets the chemical and physical requirements of ASTM C 618 class F Mineral admixtures.

Properties

Appearance	Dark Grey Powder
Specific Gravity m3/Kg	2.77
Ignition Loss%	1.58
Flammability	Non Flammable
Sio2+Al2O3+Fe2O3%	>75
Bulk Density Kg/m3	966
Activity Index %	>80

Estimating

Supply:

@1.4 MT Jumbo bag. Special packing available upon request.

Dosage:

For normal concrete production using OPC, replacement rates recommended from 15% to 45%, other dosage may be used depending on mix design conditions.

Shelf life

Pozzmix has a shelf life of 24 month if kept in a dry condition in the original unopened bags.

Storage

Store under cover, out of direct sunlight and protect from extreme of temperature