



Product Description

BCI-FlyAsh is a concrete additive of a new generation in fine powder form and spherical particles which reduces the water requirements and creates a lubricating effect that causes concrete to flow and pump better. In addition the concrete is more cohesive and is less prone to segregation

Uses

BCI-FlyAsh is used in structural concrete, precast concrete and other fields of concrete constructions where high demands are imposed on the quality of fresh and hardened concrete such as :

- High- rise structures.
- Dams and roads.
- Power stations.
- Bridges and tunnels.

Advantages

BCI-FlyAsh contains extremely fine latently reactive silica presence of this substance imparts greatly improved internal cohesion and water retention.

When additionally using Superplasticizer, the concrete will show the following properties:

- Excellent workability
- Increased durability
- High early strengths
- Increased ultimate strengths
- Increased resistance to abrasion
- Highly increased water tightness
- Highly reduced chloride diffusion
- Easy to work and economic benefits
- Chloride free - does not attack any reinforcement

Application Instructions

25 - 35 % by weight of cement. For optimum results in concrete, always use in conjunction with Superplasticizer.

Mixing

BCI-FlyAsh is added with the cement to the concrete at the batching plant before the gauging water. Optimum mixing time 90-seconds.

The quantity of water should be adjusted to suit the dosage of BCI-FlyAsh, the final consistency required.

Note: BCI-FlyAsh concrete should be handled and placed in the same way as conventional mixes. Standard good concrete practice should be observed throughout, and proper curing procedures should be initiated immediately after placement.

Technical Properties

Composition	Alumina silicate pozzolan
Appearance / Colour	Grey- fine powder / odourless
Specific Gravity	Typically 2.2

Package

BCI-FlyAsh is available in 25 kg bags

Storage

BCI-FlyAsh is not affected by frost. It must be stored in dry conditions.

Shelf Life

BCI-FlyAsh has a 12 months from date of production if stored properly in original unopened packing.

Health & Safety

Wear a face mask against dust if there is heavy dust development. Accidental splashes to the skin must be washed off with water and soap. Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.

Manufacturing Unit :

- Ⓐ Plot No.636, KIABD 2nd Phase, KIABD Industrial Area, Vasanthnarsapura,Tumkur-572128. Karnataka
- Ⓑ Goligram, Guskara Road, Near R.S. Rice Mill, Burdwan - 713 126. West Bengal.