



### Product Description

BCI-Shot L is a completely alkali free accelerator available in liquid form for use with sprayed concrete for guniting, shotcreting etc.

#### Standard

Conforms to IS 9103-1999 (reaffirmed 2004) Edition 2.2 (2007-2008), ASTM C494/C494-08a, Type C, BS EN 934 and Enfac specification of sprayed concrete.

### Uses

BCI-Shot L is used for sprayed concrete and mortar in galleries, tunnels, retaining walls, embankments, tank lining etc. Cement mortar admixed with BCI-Shot L sets rapidly, hence faster placing of higher thickness in one application is possible. Also less rebound loss while spraying concrete.

### Advantages

- Alkali free ensures safer handling and operating condition in work place and does not encourage alkali aggregate reaction, hence produce sound concrete
- High build enables faster coverage with reduced rebound
- Can be applied more than 50 mm thickness in one application
- Allows spraying to take even on wet surface with running water
- Rapid setting leads to higher build spray and contributes good water tightness
- Does not contain any chloride
- Develops high early strength

### Consistency

BCI-Shot L is formulated with selective alkali free ingredients and is manufactured under controlled conditions to give a consistent product.

### Handling

BCI-Shot L is formulated from chemicals which has no fire or health hazards.

### Technical Properties

Physical Appearance	Off White Liquid
Specific gravity	1.40 ± 0.02 at 27°C
pH	2.20±0.5
Dry Material Content	50±3 %
Chloride Content	0.2% Max.
Setting time (Testing using Gillmore apparatus)	Initial setting time within 2 Min. Final setting time within 3.30 Min. (Depends on cement type & Dose)
Temperature	@ 27±2

### Storage

If stored in undamaged sealed containers in dry condition at normal ambient temperatures, a shelf - life of 6 months can be expected.

### Shelf Life

06 months if stored in original packing under shed and at normal ambient temperature

### Dosage

Typical Dosage should be in between 4 - 7% by weight of cement depending upon the site requirement and ambient temperature. Maximum dosage upto 8% is permissible. Material must be stirred well before use to avoid any kind of settlement at the bottom of accelerator tank.

### Compatibility

BCI-Shot L is compatible with other Berryman's admixture in same concrete mix. All admixtures should be added to the concrete separately. It is suitable to all types of OPC and cement replacement material such as PFA, GGBFS and Silica Fumes.

### Packaging

BCI-Shot L is available in 325kg Carbouys

### Health & Safety

Non-toxic, non-flammable, eco-friendly. In case of eye contact flush immediately with water, before approaching an ophthalmologist

#### Manufacturing Unit :

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