

# Conplast SD110

## Cement Saver for Concrete Blocks

### Uses

Conplast SD110 is used to reduce material cost by reduction in cement without loss of strength or by increasing strength without additional cement. To get high early strength to improve upon productivity.

### Advantages

- Cement saving - strength, density and yield maintained with less cement.
- Increased strengths - higher strength without additional cement
- Minimises the risk of segregation and bleeding and assists in the production of a dense, close textured surface, improving durability.
- Reduction in breakages - reduced breakages through increased 'green strength'.
- Improved production - production cycle time can be reduced allowing more blocks to be produced in a given period.

### Description

Conplast SD110 is a brown liquid which has been formulated for optimum performance as a cement saver under manufacturing conditions encountered in Concrete blocks.

Improved formulation helps in both cement dispersion and compaction, maximising the strength obtained from the cement used.

### Technical support

The company provides a technical advisory service supported by a team of specialists in the field.

### Properties

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Specific Gravity   | : 1.000 - 1.010 at 27°C *                       |
| Chloride Content   | : Nil to IS:456 and BS:5075 *                   |
| Compatibility      | : Can be used with all types of Portland Cement |
| Compatibility with | : Fosroc shall be contacted other Admixture     |

\* The uniformity parameters like specific gravity, pH, chloride content etc. will vary for specific customer requirements and mix design. Please refer our MTC issued for specific product configuration for measuring our product parameters that will be constantly and consistently administered

## Application Instructions

### Dosage

Conplast SD110 is supplied as ready to use materials. Optimum dosage is best determined by site trials. 0.40 litres per 100 Kg of cement is normally used.

### Dispensing

The measured quantity of Conplast SD110 should be added along with the guaging water. It should be noted that Conplast SD110 should be thoroughly stirred before use. For best results Conplast SD110 should be added in wet mixes.

### Over dosing

An over dose of double the normal quantity can result in set retardation.

### Estimating

### Packaging

Conplast SD110 is supplied in 5, 20, and 200 litre containers.

### Storage

### Shelf life

Conplast SD110 has a shelf life of 12 months, when stored under normal ambient temperatures. Should be protected from extreme temperatures and stored in shade.

### Precautions

### Health and Safety instructions

Conplast SD110 is non toxic. Any splashes to the skin should be washed immediately with water. Splashes to the eyes may be washed immediately with water and medical advise shall be sought.

### Additional Information

Technical data and guidance can be provided on wide range of Admixtures and Concreting Aids, including Plasticisers, Super Plasticisers, Retarding Admixture and Accelerators, etc. Separate data sheets are available on request.

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## Fosroc Chemicals (India) Pvt. Ltd.

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### Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.

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