

# CEMPLAST

Mortar Plasticizer Admixtures  
For Cement Plasters

## DESCRIPTION

CEMPLAST is a Vinsol resin based air entering agent, free from calcium chloride and designed to give plasticity with a degree of water resistance in the set mortar. Workability and ease of use is ensured by the air entering qualities of the plasticizer in brick mortars, renderings, backing coat and pointing. It Conforms to IS:9103:2000 and IS:2645:2003.

## SPECIAL PROPERTIES

- Gives ease of working by improved plasticity with consequent increased productivity
- Will not enter an excessive amount of air with over mixing
- Eliminates efflorescence by disrupting the capillaries
- With CEMPLAST, the mortar will not bleed or segregate thereby achieving cohesiveness
- Shrinkage, cracking and crazing is minimized
- Inbuilt bonding aids reduce rebound losses
- CEMPLAST cuts labor costs, reduces cement consumption and wastage, hereby providing economical benefits
- Improves mortar durability



## TYPICAL APPLICATION

- Addition of CEMPLAST to ordinary cement mortars enters microscopic air bubbles which are evenly spaced in the matrix of the mortar. This phenomenon not only plasticises the mix but also disrupts the capillaries thus facilitating additional waterproofing.
- The mortar thus obtained can effectively withstand various climatic cycles, especially rains without being affected.
- All these attributes and many more make the right choice for admixture for mortars especially for external plaster work.
- CEMPLAST can be admix in all mortars requiring waterproofing and damp proofing. As in case of plasters, water tanks, under ground tanks, basements, exterior plasters and plaster of swimming pool.

## PRODUCT DATA

<b>Colour</b>	: Dark brown
<b>Shelf Life</b>	: 2 Years from date of manufacturing
<b>Storage</b>	: Store at cool and dry places
<b>Packing Size</b>	: 1, 5, 10, 20, 50, 210 Ltrs.

## DIRECTION FOR USE

- Add CEMPLAST at the rate of 200 ml. per 50 kgs of content depending upon degree of plasticizing required. 1 liter of CEMPLAST added to a 200 litre drum of gauging water will be sufficient for gauging approximately 4 x 50 kg bags of cement to produce renders or bricklaying mortar. Mixing should be sufficient to produces maximum plasticity. Add CEMPLAST to the gauging water or the wet mix.
- For bricklaying use mix appropriate to brick strength.  
Use CEMSEAL BLOCK JOINTING MORTAR + CEMPLAST mix for internal & external (sheltered position) renderings.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

## TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

## NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

### Address

**Plant 1** : C-1/B-96-97 G.I.D.C Industrial Estate, Kalol, Panchamahar, Gujarat - 389330

**Plant 2** : Plot no 30, Marble Market Sejbahar, Rajpur, Chhattisgarh - 492015

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