

# BLOCK JOINTING MORTAR

Thin Bed AAC blocks jointing adhesive

## DESCRIPTION

CEMSEAL BLOCK JOINTING MORTAR is a superior water resistance cement based mortar, specially formulated for joining blocks. This mortar is specially designed and manufactured under stringent quality controls to give superior adhesive strength, higher durability and a strong bond between the blocks. This unique combination enables this mortar to be thinner, compact and versatile. It also ensures higher bond strength and durability at only 3 mm thickness compare to the conventional mortar at 12 - 15 mm replacing the conventional cement and sand mix mortar completely.

## SPECIAL PROPERTIES

**Thin joints:** Only 2-3 mm joint is sufficient for jointing of two blocks.

**Less quantity:** Quantity required is significantly less than the conventional mortar.

**Time saving:** No site mixing required for various raw materials and overall less material required in application process.

**Easy application:** Easy to mix, blend and apply due to the smooth texture of the mortar.

**Water saver:** Water curing is not required after the application of CEMSEAL BLOCK JOINTING MORTAR as it contains self curing properties.

**Eco friendly.**

## PRODUCT CHARACTERISTICS

| Parameter                | Values   |
|--------------------------|--|
| Physical nature          | Free flowing grey powder                           |
| Water requirement        | 20 to 25% by weight                                |
| Hard dry                 | 24 hours (depending on temperature & humidity)     |
| Pot life                 | Approx. 30 min.                                    |
| Coverage (per 40 kg bag) | 170 sq.ft. (considering joint thickness of 2-3 mm) |



## MIXING

Add 25 to 35 % water per 20 kg bag, depending on the requirement.

## CLEANING

CEMSEAL NSA should be removed from tools & equipment immediately after use with clean water, only hardened material should removed mechanically.

## TECHNICAL SPECIFICATIONS

| Parameter                     | Values                                      |
|-------------------------------|---|
| Tensile strength @ 28 days    | >0.35 N/square meter                        |
| Compressive strength @28 days | >5 N/square meter                           |
| Workability                   | 170-180 mm sq.ft. / 40 kg with 25% of water |
| Silt content in sand          | < 1.0 %                                     |
| Bulk density                  | 1650 - 1700 kg/m <sup>3</sup>               |

## PRECAUTIONS

CEMSEAL NSA should be kept away from direct sunlight, humidity & dampness.

## STORAGE LIFE & CONDITION

12 months on sealed pack at room temperature in dry area.

## HEALTH AND SAFETY

Contents Portland cement , silica sand & polymers. May irritate eyes & skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.

Do not consume in any way. Silica sand may cause serious lung problems. Avoid breathing dust.

Wear a respirator in dusty areas. Keep out of reach of children.

## 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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