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CDM 360 - Corromortar CB

Cement based mortar for laying concrete blocks or equivalent

Product Features

Corromortar CB is a cementitious modified block mortar consisting of portland cement, graded aggregates and performance enhancing additives used for laying concrete blocks. **Corromortar CB** is a cost effective material that is easy to apply. It has good open time and high moisture retention.

Typical Uses

Internal or external laying of concrete blocks or equivalent.

Technical Data	
Appearance	: Grey powder
Composition	: Cement, sand, fine crushed aggregates and special additives
Open time	: 20 minutes at standard conditions
Working time	: approx 60 minutes
Water ratio	: 18 - 20%
Wet Volume	: 630 l/ton
Wet density	: 1.85 ± 0.10 kg/l
Compressive strength	: 10 N/mm²
Flexural strength	: 2 N/mm²
Bond strength	: 1 N/mm²
Applicable Standards	: ASTM C270, ASTM C926, C897, BS EN 998, BS EN 196, BS 1881 Part 207, BS 5262,

Directions for Use

Preparation

Long term durability and function can only be achieved with good preparation to give a strong mechanical bond to the substrate and complete void filling.

Ensure that the blocks are clean, sound and free of loose material before commencing laying.

The substrate should be free of grease, oil, dust and chemical particles.

Prior to application, clean the substrate with a wet brush.

Avoid humidity arising when applied onto foundations by protecting the substrate with a waterproofing system.

Mixing

Machine mix one 40 kg bag of **Corromortar CB** with 7 – 8 litres of clean water using a low speed mixer.

The mix should be homogeneous & lump free.

Allow the mixture to stand for at least 2 – 3 minutes then remix prior to usage.

Application

The correct alignment of the first row is of utmost importance and must be ensured.

Using an 8 x 8 notched trowel, spread a thin layer of the mortar over the entire contact surface.

Ensure that the blocks are correctly aligned

Remove all excess mortar prior to hardening.

Allow a 2 - 2.5 cm gap above the wall between the erected wall and the slab in order to avoid cracks formation.

Curing

Saturate the wall with water at least twice a day for 2 - 3 days.

Cleaning

Clean tools & equipment immediately after use with detergent and water.

Estimating

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption particularly for primers.

Corromortar CB is available in 40 kg bag. Wet volume per 40 kg bag: 25.2 litres.

Limitations

Suitable for applications in temperatures ranging from +5°C to +45°C.

For more information on handling this product refer to its Material Safety Data Sheet (MSDS)

Health & Safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

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Storage

Corromortar CB has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C but not exceeding 45°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.

Warranty

The raw materials used in manufacturing are of high quality. However, weather and ambient temperatures, amount of water added, preparation and conditions of base coat, as well as care exercised in application, are factors over which we have no control. We assume no warranty for finished work, either expressed or implied.

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