

# BP-CP2LGT

Plastering solution for aerated blocks, fair-face plaster

## Description

**BP CP2-LGT** is a dry pre mix cement plaster/render for internal and external use. It is specially designed for aerated light weight blocks and calcium silicate blocks. The applied thickness of the product is between 8mm to 10mm. The product is ideal for internal and external application. **BP CP2-LGT** can easily be applied with a suitable plastering machine or by hand in accordance with BS EN 13914-1 & BS EN 13914-2.

## Standards Compliance

ASTM C926, ASTM C150, BS EN 998 – 1:2010

## Application Area

- ✓ Internal & external plaster on block walls and rough surfaces.
- ✓ Plastering on fairfaced concrete and precast panels subsequent to Spatter Dash SB scratch coat.

## Advantages

- ✓ Fast mixing application using plaster machine
- ✓ Contains special additive that reduces friction and prolongs lifespan of equipment
- ✓ Requires only addition of water on-site at the time of usage
- ✓ Uniform colour/mass
- ✓ Improved workability & curing
- ✓ Easy application with uniform work flow enables high productivity & superior finishing.
- ✓ Strong adhesion on variety of substrates
- ✓ Shrinkage control reduces surface cracks Suitable for humid & dry conditions

## Typical Properties

Description	Value
Description	<b>BP CP2-LGT</b> consists of Ordinary Portland Cement, hydrated-Lime, processed sand and chemical additives including Cellulose fibers.
Binder	Ordinary Portland cement
Aggregate size	3.0 mm processed sand
Appearance	Grey coloured granular powder
Mixing Ratio	8.5 ltrs water per 50 kg bag Water/Powder ratio =0.17
Density	Wet: 1.78 kg/ltr Dry: 1.65 kg/ltr
Compressive Strength	2.50 N/mm <sup>2</sup> @ 28 days
Flexural Strength	1.0 N/mm <sup>2</sup> @ 28 days
Working time	Approx. 30 minutes
Specification	BS 5262, 5492, BSEN 1015, DIN 18550, ASTM

## Surface Preparation

The substrate should be sound, clean, free from loose material, grease, laitance, dirt curing compound, or any other substance that might impair the substrate's quality of the bond. Before the **BP CP2-LGT** application, wet the entire

surfaces with potable water. The substrate should be neutralized surface at the time of the **BP CP2-LGT** application.

## Mixing

**BP CP2-LGT** supplied in 25 kg has to be mixed with potable water only, in a clean plastic bucket or a clean non-corrosive, uncontaminated metal tub. To ensure a homogeneous and uniform mix, an electric agitator must be used. The amount of water to be added is 4.5-5 litres per 25 kg bag (i.e. approx. 18% by weight). Add the **BP CP2-LGT** to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. Hard and set plaster should not be re-mixed or used. If a plaster spray machine is used, the mixing is carried out automatically.

## Application Guidelines

**BP CP2-LGT** mixed as above can be applied onto the prepared surface in one coat to a thickness of 8-19mm and finished by felting or floating. If a plaster machine is used then the plaster is applied in a continuous operation and finished manually to the specified thickness to meet the requirements of BS 5262/5492. Conpacmix demonstration team shall assist in these procedures upon request.

## Curing

**BP CP 2 LGT** treated concrete must be protected to prevent premature moisture loss and crazing immediately after final finishing. Minimum 48 hours by potable water. Alternatively suitable curing compound from **BP- JetCure** range maybe used.

## Packaging

**BP-CP 2 LGT** is packed in 25kg moisture resistant bags.

## Coverage

1.4m<sup>2</sup> per 25 kg bag at 10mm thickness and depends on site conditions.

## Storage & Shelf-life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

## Limitations

At temperatures above 35°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipments under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

## Cleaning

Clean all equipments and tools with water immediately after use. Hardened material can be

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removed mechanically.

## Health and Safety

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be

**Note:** Field service where provided does not constitute supervisory responsibility. Suggestions made by **Conpacmix (BD) Ltd.** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Conpacmix (BD) Ltd.**, are responsible for carrying out procedures appropriate to a specific application.

Manufacture:



disposed off as per local rules and regulations.

## Quality & Care

Conpacmix (BD) Ltd acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and experienced engineers, chemists and technicians.