

CCI NOVATECH PL 100

Polymer-modified, Fibre-reinforced Plaster Additive

Description

CCI Novatech PL 100 is a premixed special additive to provide smooth and compact surfaces both internal and external. CCI Novatech PL 100 is a blend of special additive material, and it is polymer additives in the right proportion for perfect compactness, bonding, and desired smoothness of surface.

Area of Application

- ✓ Internal plastering of walls
- ✓ Plastering of ceilings
- ✓ External plastering of walls
- ✓ All block/brick masonry works.
- ✓ Plastering on concrete surfaces.

Features and benefits

- ✓ Polymerised Additive – Performance enhancing special additives to provide non sagging during higher thickness applications.
- ✓ Negligible cracks.
- ✓ Less rebound losses – Leading to minimum wastage.
- ✓ Better adhesion to substrate due to high bonding strength.
- ✓ Ready to mix – Only CCI Novatech PL 100 to be added at site as per defined water mixing ratio for best performance.
- ✓ High durability.
- ✓ Excellent workability
- ✓ Uniform and smooth finish to walls due to consistent batch quality making surface ready for tiling, stone fixing and painting.
- ✓ Reduced repair and maintenance cost.
- ✓ Economical - Significant savings in money, time, and manpower.

Performance Parameters

Properties	Specification
Appearance	Cementitious Grey
Bulk Density, g/cc	0.960 ± 0.2
Mixing Ratio	Cement 1: Sand 4
	Cement 12 kg: Sand 48 kg
CCI Novatech PL 100, Pouch	250 g

Method of Application

Surface Preparation

- ✓ Surface preparation Before application, one must make sure that the substrate is free of dust, loose particles, oil, grease, paint, loose plaster, and other such contamination which may affect the bonding.
- ✓ Cleaning can be carried out by suitable methods like wire brush, water jetting, mopping etc.
- ✓ If the surface is dry, it should be moistened with potable water.

Note to Specifier

It is recommended to use it before applying plaster. Prior to applying plaster, thin coat cement slurry can also be applied to provide mechanical anchoring.

Substrates

- ✓ AAC / Concrete block walls
- ✓ Fly ash block walls
- ✓ Clay brick walls
- ✓ Stone walls
- ✓ Red clay bricks
- ✓ Concrete surfaces

Curing

Please ensure that plaster is kept moist for a period of 3 days. This can be achieved by light sprinkling of water 2 to 3 times a day.

Mixing

- ✓ In a clean tray or bucket, pour 12 kg cement, 48 kg sand and add 250 g of CCI Novatech PL 100.
- ✓ Mixing can be done by using a mechanical mixer or hand used tool to achieve lump free and homogeneous powder.
- ✓ Then you can add clean potable water, for required consistency of final plaster mix.

Packaging

250 g pouches.

Shelf life & Storage

6 months from the date of manufacture when stored in unopened, original sealed condition in a cool and dry place away from direct sunlight.

Precautions

PPE's such as gloves and goggles should be worn while application. Clean hands and tools with soap water only. Avoid contact with eyes or prolonged contact with skin. In case of contact, kindly flush thoroughly with water immediately for 15 minutes, if problem persists then consult a physician. Do not take internally. Silica sand may cause serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.

Health & Safety

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on www.ccichemicals.in or contact us at info@ccichemicals.in.

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