



# MATTCEM CL30 P

Self levelling cementitious flooring

## Description

**MATTCEM CL30 P** is blend of synthetic polymers, graded aggregates and selected cements. It is typically used to create a flat and smooth surface with a compressive strength similar to or higher than that of traditional concrete prior to installing interior and exterior floor coverings.

## Advantages

- It forms a rapid drying, free-flowing, self-levelling mortar with good workability that adheres very strongly to the substrate
- Less time consumption as it is self-leveling and provide better finishing to all types of floor surface
- Easy to use, we have to add only measured quantity of water to make paste
- It does not shrink or crack and reaches a high level of compressive and flexural strength and resistance abrasion
- Rapid Hardening enables early fixing of floor coverings

## Uses

- To level uneven new or existing surface
  - To get smooth surface ready to receive textile, PVC, linoleum and rubber coverings as well as ceramic tiles
  - In areas where high resistance to static and dynamic loads is required
- In all types of surface application



## Technical Information

PROPERTIES	RESULTS
Appearance	Dry Powder Grey/ White
Self levelling	Yes
Density	2.02 gm/lit
Workability time	20 to 30 min
Setting time	7 to 8 hours @ 25°C
Applies thickness per layer	1 to 10 mm
Compressive strength	28N/mm <sup>2</sup> @28 days
Flexural strength	6.6 N/mm <sup>2</sup> @28 days

## Method of application

- Clean the surface from efflorescence, laitance, dirt and other loose material and new concrete should be cure.
- Weak surface and old concrete floor should be primed with POLYCOTE WH.
- The primer should be allowed to dry forming a barrier, preventing air rising through the subfloor to form bubbles in the surface.
- Mix 20 kg bag of MATTCEM CL30 P with 4.5–5 liters of water with the help of mechanical mixer and continue until a smooth creamy consistency is obtained.
- Pour the prepared mix onto the substrate, spread quickly with trowel or preferably with a notched rubber squeegee and allow to self-level.
- If high spots or splashes of material occur on the surface these are best removed by the edge of a trowel after initial set.
- Leave the surface for full cure.

**This in turn leads to a series of associated benefits:**

**Enhanced durability** –MATTCEM CL30 P reduces the permeability and increases the resistance to weathering and enhances the durability.

**Workability:** The addition of water in the MATTCEM CL30 P powder so it increases t workability significantly.

## Coverage

- 40 sq. ft. @ 3 mm thick per 20 kg bag.

## Packaging

- MATTCEM CI30 P Available in 20 kg bag.

## Storage

- Minimum 6 months shelf-life if kept at room temperature (27°C).

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