

MATTCEM CL30P

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.

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

Advantages/Characteristics:

- 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

Company Standard Compliance:



Technical Information:

Properties	Specification
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 ² @28 days
Flexural strength	6.6 N/mm ² @28 days

Application Procedure:

Surface Preparation:

- Clean the surface from efflorescence, laitance, dirt and other loose material and new concrete should be cure.

Priming:

- 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.

Mixing:

- 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.

Application:

- 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.

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 CL30 P Available in 20 kg bag.

Storage & Shelf-life:

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

Health & Safety:

- MATTCEM CL30 P contains certain powders which, when mixed with water or become damp, release alkalis which can be harmful to the skin.
- During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection gloves and respiratory equipment (particularly in confined spaces). The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting

	It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.
	ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.
	ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.
	ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance

	This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.
	Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.
	ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.

Country: India

format: RCPL/QA/025-00

issue Date: 2024-12-01 10:28:39