K2 UNIFLOOR LT

Powdered Floor Hardener for Low Traffic

Description:

K2 Unifloor LT is a high-performance & cost-effective floor hardener, designed for use on low-traffic concrete surfaces. It is a specially formulated powder that is added to the concrete mix at the time of pouring to enhance the strength, durability, and wear resistance of the surface.

Area of Application:

For use on new concrete surfaces or for overlay of existing concrete, Ideal for low-traffic areas such as warehouse floors, garages, and basement floors.

Benefits:

- Increases the compressive strength and abrasion resistance of concrete surfaces.
- Reduces surface permeability, making it resistant to staining, spalling, and cracking.
- Enhances the durability and life of the concrete surface.
- Easy to use, simply add to the concrete mix at the time of pouring.
- Cost-effective alternative to traditional concrete hardening methods such as troweling and surface coatings.

Technical Properties:

Properties	Result
Physical Appearance	Cementitious Grey Powder
Compressive strength (28 Days)	40 MPA
Moh's Scale Hardness	6
Application Rate(Kg/M2)	3.5 Kg
Abrasion Resistance	Treated concrete will give 200 – 300 % better abrasion resistance then control concrete

Application Instruction:

FEATURES OF BASE CONCRETE:

- Concrete design-mix should be free from segregation and bleeding.
- It is recommended to use K2 SELFPLAST PC 20 water, reducing admixture at the time of concreting.
- The base concrete should be laid and compacted.

SPRINKLE RATIO:

Recommended rate of application for low traffic is 3.5 kg/m².

SPREADING:

K2 UNIFLOOR LT should spread or sprinkle as per the requirement at the point when base concrete get stiffened. The bleed water should now have been evaporated, So that damage or surface cracks should not be formed.

FINISHING:

Finishing should be done with a power trowel when the floor gets stiffened sufficiently, so that damage or surface cracks should not be formed.

Packing:

K2 Unifloor LT is available in 30 kg bags.

Shelf Life and Storage:

Store in a cool, dry place, away from moisture and direct sunlight. The product has a shelf life of 12 months from the date of manufacturing when stored under proper conditions.

Health & safety:

K2 Unifloor LT is a safe product when used as directed. However, it should be handled with care and proper protective equipment, such as gloves and a dust mask, should be worn during application.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

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UNIFLOOR LT

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