K2 UNIFLOOR HT

Metallic Powdered Floor Hardener for Heavy Traffic

Description:

K2 Unifloor HT a blend of specially selected and graded aggregates, high-strength binders, and active hardening agents, is a high-performance powdered floor hardener designed for heavy traffic areas. It is ideal for use in commercial, industrial, and residential applications.

Area of Application:

K2 Unifloor HT is suitable for use in concrete floors, screeds, and overlays. Ideal for areas with high levels of activity such as industrial facilities, warehouses, and commercial buildings.

Benefits:

- Increased Durability: Floor hardeners formulated for heavy foot traffic are designed to provide an even stronger and more durable surface.
- Improved Resistance: The floor hardener can provide improved resistance to abrasion, impact, and chemical exposure, making it suitable for use in harsh environments.
- Ease of Installation: The powdered form of the floor hardener makes it easy to apply, reducing the time and cost associated with installation.
- Versatility: Floor hardeners can be used on new concrete or applied to existing surfaces, making them a versatile solution for improving the durability of concrete flooring.
- Increased Longevity: The use of a floor hardener for heavy foot traffic helps to extend the life of the floor, reducing the need for costly repairs and replacements over time.

Technical Properties:

Properties	Result
Physical Appearance	Cementitious Grey Powder
Compressive strength (28 Days)	60 MPA
Moh's Scale Hardness	9
Application Rate (Kg/M2)	7 Kg
Abrasion Resistance	Treated concrete will give 400 – 500 % better abrasion resistance then control concrete

Note:

The technical data given here is based on laboratory tests and is intended to be used as a guide only. The actual results may vary depending on the conditions at the site of application.

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 Heavy traffic is 7 kg/m².

SPREADING:

K2 UNIFLOOR HT 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.

Curing:

The concrete should then be allowed to cure for a minimum of 24 hours before being subjected to heavy traffic.

Packing:

K2 Unifloor HT is available in 30 kg bags.

Shelf Life and Storage:

K2 Unifloor HT should be stored in a cool, dry place, protected from moisture and direct sunlight. The shelf life of K2 Unifloor HT is 24 months when stored in the original, unopened packaging.

Health & safety:

K2 Unifloor HT is classified as non-toxic and non-flammable. However, as with all construction materials, it should be handled with care and in accordance with the manufacturer's instructions.

Technical Support:

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

Important Note:

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