

# K2 UNIFLOOR MT

## Powdered Floor Hardener for Medium Traffic

### Description:

K2 UNIFLOOR MT is designed for use in concrete floor construction to improve the surface hardness and abrasion resistance of concrete floors subject to medium foot traffic. It can be used in both new construction and concrete floor rehabilitation projects.

### Area of Application:

Ideal for areas with moderate levels of activity such as offices, schools, and homes.

### Benefits:

- **Durability:** The powdered floor hardener helps to create a strong and durable surface, which can withstand regular foot traffic

- **Aesthetics:** Floor hardeners can be pigmented to match the color of the concrete, enhancing the appearance of the flooring.
- **Reduced Maintenance:** The floor hardener creates a smooth and dense surface that is resistant to wear and tear, reducing the need for maintenance and prolonging the life of the floor.
- **Improved Traction:** The surface created by the floor hardener provides improved traction, reducing the risk of slips, trips, and falls.
- **Cost-Effective:** The application of a floor hardener is an economical way of improving the durability and appearance of a concrete floor, without the need for more expensive flooring options.

### Technical Properties:

Properties	Result
Physical Appearance	Cementitious Grey Powder
Compressive strength (28 Days)	50 MPA
Moh's Scale Hardness	7
Application Rate(Kg/M2 )	5 Kg
Abrasion Resistance	Treated concrete will give 300 – 400 % 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 medium traffic is 5 kg/m<sup>2</sup>.

#### SPREADING:

K2 UNIFLOOR MT 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 surface should be cured properly to achieve the full benefits of the product.

### Packing:

K2 UNIFLOOR MT is available in 30 kg bags.

### Shelf Life and Storage:

K2 UNIFLOOR MT should be stored in a cool, dry place and protected from moisture. K2 UNIFLOOR MT has a shelf life of 12 months when stored in accordance with the manufacturer's recommendations.

### Important Note:

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### Health & safety:

K2 UNIFLOOR MT should be handled with care and used in accordance with the manufacturer's recommendations. In case of contact with skin or eyes, flush thoroughly with water. If ingested, seek medical attention immediately.

### Technical Support:

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

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