

Non-metallic dry shake natural aggregate Floor Hardener

DESCRIPTION

DUTOP 100 is a ready-to-use, non-metallic dry shake floor hardener composed of Portland cement, graded natural mineral aggregates, polymers and performance additives. Applied on fresh concrete, it provides a dense, abrasion-resistant surface with improved durability, reduced dusting and enhanced wear resistance for industrial and commercial floors.

RECOMMENDED USE

- Industrial floors
- Warehouses and storage facilities
- Manufacturing plants
- Parking areas and ramps
- Loading docks
- Workshops and garages
- Power plants
- Commercial and institutional buildings

FEATURES AND BENEFITS

- Ready-to-use pre-blended formulation
- High abrasion resistance
- Excellent impact resistance
- Increases surface hardness
- Reduces dust formation
- Dense, low-permeability surface
- Improves resistance to oil and grease
- Durable and low-maintenance finish

PRODUCT INFORMATION

Product Type	Non-metallic dry shake floor hardener
Binder	Portland cement
Appearance	Grey powder
Water Absorption	Very low
Abrasion Resistance	Excellent
Impact Resistance	Excellent
Moh's Hardness	7-8
Consumption	3–7 kg/m ²
Packaging	25 kg bag
Shelf Life	12 months

APPLICATION PROCEDURE

General

DUTOP 100 shall be applied by trained personnel as a dry shake floor hardener on freshly placed and properly finished concrete.

Concrete Preparation

Place, compact and level the concrete as per good concreting practice. The surface shall be free from excessive bleed water. Apply DUTOP 100 when the concrete is firm enough to support foot traffic, leaving footprints approximately **3–6 mm** deep with a visible surface sheen.

Broadcasting Procedure

Broadcast DUTOP 100 evenly over the concrete surface at the recommended consumption rate. Allow the material to absorb moisture from the concrete before finishing. For heavy-duty applications, apply in two stages for uniform coverage.

Power Floating & Finishing

Once the material has absorbed moisture, compact using a power float or steel trowel. Finish to achieve a dense, smooth and uniform surface. Do not add water during finishing.

Curing

Apply a suitable curing compound or use an approved curing method after final finishing. Protect the surface from premature traffic until adequately cured.

Cleaning

Clean tools and equipment with water immediately after use. Hardened material shall be removed mechanically.

Precautions

Apply only on fresh concrete at the correct finishing stage. Do not add water during application or finishing. Protect the surface until fully cured and use appropriate PPE during handling.

Statement of Responsibility (Disclaimer)

The technical information and application advice are based on present state of our best scientific and practical knowledge. As the information herein of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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Ducon Polymer Flooring (DPF)

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