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FESCOTOP FTH HARDENER



Product description

1-component, ready-to-use, highly absorbent treatment agent containing silicate and silicone polymers for concrete floors. Acts as a dust-binding treatment, improves the durability of the concrete surface, and creates a repellent layer against various liquids. Coverage approx. 5–6 m^2/l. Suitable for both indoor and outdoor use.

- Cost-effective and fast solution for treating old concrete floors
- Reduces the porosity of the concrete surface
- Improves the surface strength and durability of concrete or leveling compound floors
- For dust-binding treatment of concrete floors
- Forms a surface that repels liquids and dirt
- Applied using a low-pressure sprayer or by pouring directly onto the surface
- Repels tire marks and facilitates cleaning

Applications

- New and old concrete floors
- Warehouse and industrial buildings
- Production facilities
- Garages and carports
- Parking halls

Instructions

Base

- The substrate and ambient temperature must be between +10°C…+25°C
- The substrate must be clean and free from dust
- Loose layers and other contaminants, such as oils, paints, and curing compounds, must be removed mechanically or chemically to ensure proper adhesion between the product and the substrate.

Priming

- The substrate should be pre-moistened to a matt damp condition in particularly hot and/or windy weather. No standing water should remain on the surface to be treated.

Mixing and Application

- Plan the size of the areas to be treated and the working sequence to avoid cold joints. Movement joints in the floor can be used as natural boundaries.
- The product is used directly from the container and does not require mixing before use.
- Do not dilute the product.
- The working area must be protected from strong wind, sunlight, and rain.
- Apply the product to the concrete surface using a low-pressure sprayer or by pouring it directly from the container.
- Brush the product into the substrate to ensure it penetrates and fills the pores of the concrete surface.

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- Level the product to an even surface using a rubber squeegee.
- Allow the product to “gel” and thicken for approximately 30–60 minutes. The treated concrete surface must be kept wet during this time — add more product if necessary to maintain a wet surface.
- The product must not be allowed to dry on the surface.
- When the product begins to thicken and gel on the surface, lightly spray clean water to dissolve the thickened layer and move any excess product to the adjacent area.
- Remove excess product with a rubber squeegee to the next section to be treated.
- Do not walk on already treated surfaces, as this will leave marks.
- If excess product is allowed to dry on the concrete surface, a white residue may form, which can only be removed mechanically, e.g., by sandblasting or grinding.
- At the end of the work, remove all excess product from the concrete surface.

Maintenance

- For cleaning the floor surface, a floor care machine is recommended, as it also polishes the treated surface further.
- Use mild detergents; do not use corrosive cleaning agents.
- Clean stains or oil residues from the floor surface as quickly as possible.

Other information

- A floor surface treated with Fescotop FTH Hardener is not recommended to be waxed or treated with any other products.

Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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Technical information

Material usage	5-6 m^2/l
Type	Liquid
Colour	Clear
Package size	20 l
Storage	18 months in the original packaging
Usage temperature	+10°C...+25°C
Drying time	4–6 h walkable 24 h vehicle traffic

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.