

TI 195A

Technical Information Surface Protection Linings
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ALKADUR ESD FINISH

Special floor finish for smooth floors for areas with requirements according to DIN EN 61340-5-1 (ESD).

Material Group

Cleaning, care

Description

Special floor finish for floors in EPA areas. Together with suitable coating systems, the requirements of DIN EN 61340-5-1 are met. The system is used to optimise the cleaning properties of the coating system. The electrical properties of the floor coating are maintained up to a relative humidity of $\geq 30\%$.

Use

Floor care of synthetic resin coating systems that meet the requirements of DIN EN 61340-5-1 (ESD requirements).

Packaging / Shelf life

All components must be stored and transported dry and frost-free. The minimum storage life applies to a storage temperature of 20 °C, unless otherwise specified. Higher temperatures reduce, lower temperatures increase the shelf life.

Components	Item number	Package	Content	Shelf life
Alkadur ESD finish	5045018006	Canister	10 liters	24 Months

For handling, transport and storage observe the relevant material safety data sheets.

Application

Apply Alkadur ESD Finish to the cleaned and dry surface with suitable equipment 2 x evenly thin.

Consumption per application: approx. 1.5 – 2 Liter / 100 m².

A sufficient drying time must be maintained before each application. This is normally at least 4 hours.

The drying time of each layer can be extended in a project-specific manner. The floor care can not be applied at very high relative humidity ($> 70\%$).

After drying the 1st and 2nd application, the surface has to be polished. Polishing must be carried out in the high-speed process.

High-speed polishing machines with 1000-1200 rpm such as the HS 1600 model (from Columbus) in conjunction with Dolly pads of the Glit Blue Ice type are suitable for this purpose.

Do not start the polishing machine on the coating (but in air) to avoid damage to the coating, such as dents and scratches.

A too long stay on one point will damage the care film or the floor.

Additional remarks for the use

The coating should be cured in order to avoid any scratches that may occur during the cleaning process. Longer curing times affect the scratch sensitivity positively.

The resistance to chemical stress as well as the cleaning, care and disinfecting agents used in the project should be checked in a preliminary test.

Please refer to Technical Information 198 „CLEANING ADVICE FOR STEULER-KCH-INDUSTRIAL FLOORS“. In the case of heavy wear in the area of foot paths or storage areas, an impairment of the appearance of the care film can not be completely avoided.

We recommend the use of shoes with light soles especially for light floor coatings as well as the use of light materials for all parts in contact with the ground, as the contamination of the coating can be significantly reduced as a result.

After a complete cleaning, the procedure is the same as for the first-time care.

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This issue replaces all previous versions.