

RENOLIT ALKORPLAN

INSPIRING
POOL
SURFACES

RENOLIT ALKORPLAN DECKING
MAINTENANCE MANUAL – REV. 02/2024

DECKING



MAINTENANCE MANUAL

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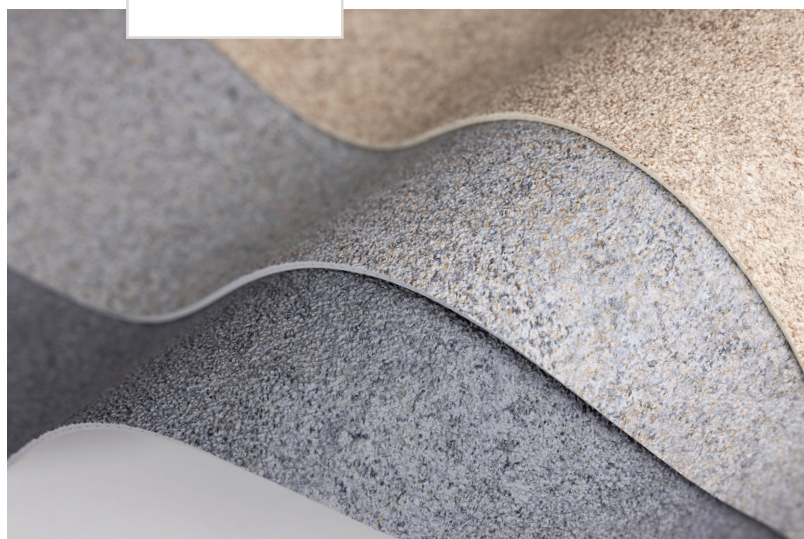
RENOLIT ALKORPLAN DECKING is a reinforced PVC Decking membrane that requires minimal maintenance, thanks to its stain-resistant and protective finish.

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01.

INITIAL CLEANING

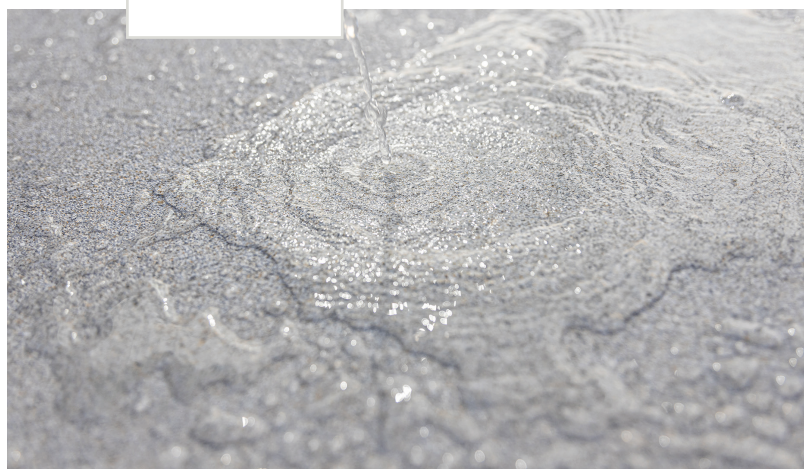


RENOLIT ALKORPLAN DECKING membrane, unlike other products on the market, does not contain any type of wax or protection layer, therefore it does not require any type of specific cleaning prior to its first use. During installation, and once the membrane has been installed, it is recommended to cover it with $\geq 200\text{g/sqm}$ polyester geotextile, to avoid stains or dirt.

Any dirt remaining from the installation work can be removed using a vacuum cleaner (industrial or liquid), or a broom and a damp mop. It is also possible to wash the membrane with clean water to remove dust and other debris.

02.

DAILY CLEANING



Daily cleaning can be done using a semi-damp or dry mop. If daily cleaning with chemical products is required, neutral or alkaline detergents should be used, following the detergent manufacturer's instructions. If size or dirt level require it, a rotary cleaning machine can be used in a range of around 300 rpm with a red disc. It is important to clean stains immediately.

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03.

REGULAR OR MAINTENANCE CLEANING

In outdoor areas, clean with water first. The membrane can then be cleaned using a neutral detergent and a rotary cleaning machine (300 rpm with a red disk). For smaller areas, cleaning can be done manually. You use diluted commercial bleach (5-10% by volume in water).

Wipe dirty water with a damp cloth or mop and wash down the floor with clean water. Leave to air-dry.

04.

STAIN REMOVAL



A different approach is required depending on the stain:

- Stains from footwear or rubber tips: Clean by rubbing a damp, non-abrasive cloth with alkaline detergent.
- Grease/oil or pen/marker ink: Clean with **RENOLIT ALKORCLEAN** or Isopropyl Alcohol diluted to 50%.
- Metal rust stains: Clean with Hydrochloric Acid (5%). Rinse with water afterwards.

Organic solvents and any type of abrasive cleaning cloths, mops or discs should be avoided

05.

TEST AGAINST DIN 68861-1:2011

Several stain tests have been carried out with many products, according to the procedure included in the DIN 68861-1:2011 standard. According to these tests, **RENOLIT ALKORPLAN DECKING** should not get in contact with organic solvents such as acetone and butyl ethyl acetate. This rule extends to THF and MEK, used in the swimming pool environment. The table below shows the results:

TEST	STANDARD	PRODUCT	RESULT
Resistance to Chemicals (rating)	DIN 68861-1 (*)	Vinegar Citric Acid (10%) Ammonia solution (10%) Ethanol (48%) Red wine Beer Cola drink Coffee Tea Currant juice Condensed milk Water Cleaning petrol Acetone Butyl ethyl acetate Butter Olive oil Mustard	5
Resistance to Chemicals (group)		Onion Disinfectant Pen Ink Buffer ink Detergent Cleaning agent	

(*) Contact time 16 hours (1A)

Once the indicated time has elapsed, the samples are washed and examined to determine possible surface marks, according to the evaluation scale in the following table.

Assessment scale of the chemical resistance test, DIN 68861-1.

RATING	DESCRIPTION
5	No visible changes
4	Slight changes in brightness and/or color, only visible depending on the angle of light incidence.
3	Moderate changes in shine and/or color. No changes in surface structure.
2	Significant changes in shine and/or color. Slight changes in surface structure.
1	Significant change in surface structure; cracking, delamination, blistering.

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