

Innovative decking with a natural look



Product Information

RENOLIT GEOFOL FH

Profile lamination film for vertical and horizontal exterior applications.

Product Description

RENOLIT GEOFOL FH is a profile lamination film for outdoor applications. Highly robust and developed to withstand the most demanding of conditions, **RENOLIT GEOFOL FH** also features a sophisticated and realistic, natural appearance.

Processing

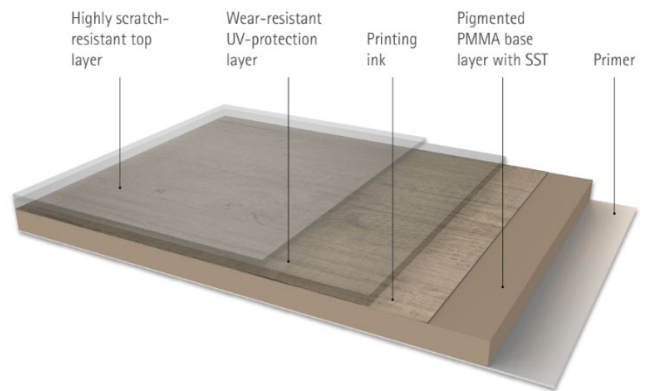
RENOLIT GEOFOL FH can be laminated to appropriately pre-treated substrates, including profiles with soft edges and radii, in combination with compatible hot melt adhesives.

Surface properties

A top layer specially developed for **RENOLIT GEOFOL FH** makes the film surface extremely scratch and abrasive resistant. It is also non-slip and this provides the necessary slip resistance. The Solar Shield technology protects the film and substrate from excessive heating.

Resistance to foreign substances

The surface of the film is resistant to everyday substances such as ketchup, red wine, coffee and cooking oils. Compatibility tests should always be undertaken however, and it should also be noted that chemical resistance will depend on temperature and exposure time as well as the concentration and physical state of the substance itself



Cleaning

Everyday dirt can be removed using water or household detergents. For more intensive cleaning, RENOLIT offers a specially developed cleaner.

<https://shop.renolit.com/en/home-building/windows-doors/accessories/professional-cleaner.html>

Never use abrasive cleaning agents, solvents, polishes or waxes! Cleaning with high-pressure washers may be undertaken, however the water pressure should not exceed 150 bar and a minimum distance of 20cm to the cleaning surface should be maintained at all times.

Longevity

The specially developed layers protect the decor from UV radiation and other weathering influences. **RENOLIT GEOFOL FH** therefore offers impressive color stability.

Article Numbers

RENOLIT GEOFOL FH printed – S30.55.11

For further information, please contact **RENOLIT**.

This technical information sheet represents our latest state of knowledge and shall inform without obligation. The herein stated details do not release the manufacturer using our films from their own inspections and tests, which must correspond with the relevant national guidelines for its intended purpose. It is the duty of the customer to determine if the purchased product is suitable for its intended purpose.

The recipient of this information shall neither forward nor publish the content or parts of it to any third parties without the prior written consent of RENOLIT
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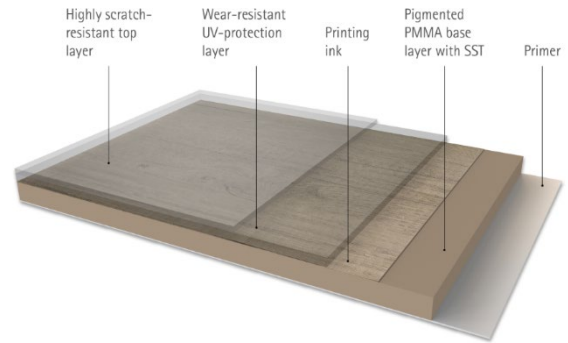
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Property	Standard Test Method	Values and Tolerances
Film thickness	DIN EN ISO 4593	235 ±15 µm
Gloss	ISO 2813 [60°]	8-17
Scratch resistance	DIN EN 15186	> 4 N
Microscratch resistance	DIN EN 16094:2012 DIN CEN/TS 16611:2014	A2 B1
Slip resistance	DIN 51130:2014 DIN 51097:1992 EN 14041:2008	R 10 A µ = 0,60 – Class DS
Weather fastness Colour change	EN 513 ISO 105-A02	20 GJ/m²: GM ≥ 3
Abrasion resistance	DIN EN 13329	> 4.000 rounds
Wear resistance	EN 14354:2017-11	> 10.000 rounds
Moisture and water resistance	internal	No changes

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