



Rely on it.

## For doors with added value: 3D and 2D films from RENOLIT



Aesthetic design  
and high quality  
for interior doors

# CONTENTS

---

- |            |                              |
|------------|------------------------------|
| PAGE 4–5   | DOOR FILMS FROM RENOLIT      |
| PAGE 6–7   | 3D THERMOLAMINATES FOR DOORS |
| PAGE 8–9   | 2D FILMS FOR DOORS           |
| PAGE 10–11 | SURFACES FOR SECURITY DOORS  |
-



RENOLIT products are characterised by technical expertise and years of experience combined with the highest standards of design.

# DOOR FILMS FROM RENOLIT ...

---

The **RENOLIT Group** is a leading international manufacturer of high-quality plastic films and related products for technical applications. When it comes to adding a finishing touch to interior doors, **RENOLIT** is the first choice for door manufacturers.

**RENOLIT** is a byword throughout the world for technical competence, modern product design and cooperative service. With many years of experience and huge innovative drive, the **RENOLIT DESIGN** Business Unit has developed an unrivalled range of two and three dimensional surfaces especially for the interior design and door markets.

**RENOLIT** plastic films provide a refined finish for door leaves and door frames while offering functional added value. **RENOLIT** products give your base material an aesthetically high-quality surface; the thermolaminates fit perfectly to its shape.

They are able to satisfy demanding requirements for flexibility and stability in exemplary fashion. With their extraordinary variety of colours, textures and properties, they offer virtually boundless scope for individual design.

As doors are produced with flat, 3D and relief leaves, **RENOLIT** offers door manufacturers a variety of film qualities. The surfaces are perfectly suited to a whole range of standard processes, including flat lamination, profile wrapping, thermoforming and folding technology.



For doors with style.



Outstanding shape retention.



Broad range of oak décors.



Authentic wood décors.



A finishing touch for any door.



Decorative appearance guaranteed.

## VARIETY OF DIFFERENT SURFACE FINISHES

Whether it be authentic looking wood designs, high gloss finishes or uniform designs – **RENOLIT** customers are able to choose from hundreds of décors.



Maximum selection for maximum options.  
Thermolaminates from RENOLIT give doors an individual profile.

... OPENING  
NEW DOORS



# 3D THERMOLAMINATES FROM RENOLIT – PERFECTLY ADAPTABLE

With RENOLIT COVAREN and RENOLIT ALKOREN, RENOLIT provides customers with decorative thermolaminates for 3D forming. Thanks to tried and tested processes, the thermolaminates are able to adapt to any shape, recess or curvature of your base material. The décor prints are coated with a transparent overlay and an additional laquer that protects the film material and helps prevent wear and abrasion.

Premium RENOLIT COVAREN products are setting new trends with their sophisticated surface structures. Their incredibly realistic woodgrains are almost indistinguishable from real wood. The range of solid colours includes metallic effects, as well as fashionable matt finishes. The high gloss films are available in a wide variety of colours and brilliant décors.

RENOLIT ALKOREN presents a classic collection of woodgrains and solid colours. All the major types of woodgrain are available in a range of different shades and tones. A wide range of solid colours covers the whole palette – from light to dark and vibrant to subtle. Good mechanical resistance and a protective coating ensure a high level of usability.



Thermolaminates from RENOLIT meet the highest design, quality and performance requirements.

## PROCESSING

RENOLIT 3D thermolaminates can be processed on all standard thermoforming presses without difficulty. In just one step, the films adhere closely to the base material (including both the long and end faces), and reproduce even the most delicate patterns.

## DOOR FRAME

RENOLIT thermolaminates can simply be wrapped around door frames with round edges to create a coating.

# 3D FILMS

## CROSS-SECTION

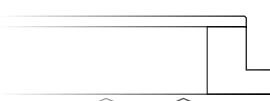


## DOOR LEAF

Whether round edges, 3D doors or relief doors – RENOLIT COVAREN and RENOLIT ALKOREN films allow straightforward application.



RELIEF DOORS

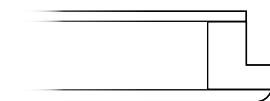


## DOOR EDGES

Depending on the type of door, a rebate edge might also be necessary. RENOLIT is happy to assist its customers in order to ensure the ideal processing conditions for its materials.



REBATE EDGE



# 2D FILMS FROM RENOLIT – VERSATILE AND ATTRACTIVE

RENOLIT customers are able to choose from a wide range of highly developed 2D industrial and furniture films in a variety of qualities with numerous properties and processing options that cover almost every application. RENOLIT ALKORFOL+, RENOLIT ALKORFOL P+ and RENOLIT ALKORCELL lend added value to room doors and introduce distinctive accents.

RENOLIT ALKORFOL+ and RENOLIT ALKORFOL P+ are attractive and flexible PVC films that are suitable for many different processes, including profile wrapping, folding technology and flat lamination. The versatile surfaces combine authentic imitation wood designs with outstanding functionality. RENOLIT ALKORFOL+ has a scratch-resistant topcoat. With this coating plus an additional transparent overlay, the premium film RENOLIT ALKORFOL P+ offers even better abrasion protection.

RENOLIT ALKORCELL is a decorative polypropylene finished film. This material is set apart by its combination of perfect print quality and deep embosses. Synchronised woodgrains make it possible to create authentic reproductions of natural wood. Like all the other films in this product family, the surface of RENOLIT ALKORCELL MasterEmboss is protected by a lacquer finish. Scratch and abrasion-resistant RENOLIT ALKORCELL is suitable for both flat lamination and wrapping technology.



© PROFILDOORS

Practically identical to solid wood: 2D films from RENOLIT offer unique possibilities for visual and touch design.

## PROCESSING

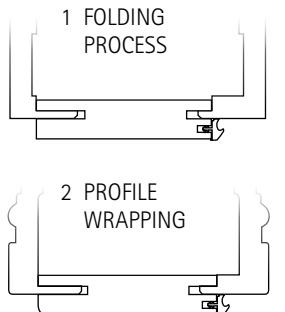
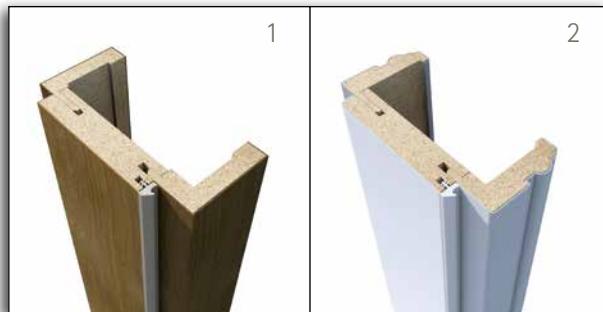
The high-quality 2D products RENOLIT ALKORCELL and RENOLIT ALKORFOL are used in particular for the wrapping and flat lamination of interior doors. The films are provided with a primer on the reverse that makes it possible to bond using dispersion, hot-melt and solvent-based adhesives.

## DOOR FRAME

For coating door frames with smooth edges, RENOLIT ALKORFOL and RENOLIT ALKORCELL surfaces are applied using the folding process. For rounded door frames, profile wrapping is the method of choice.

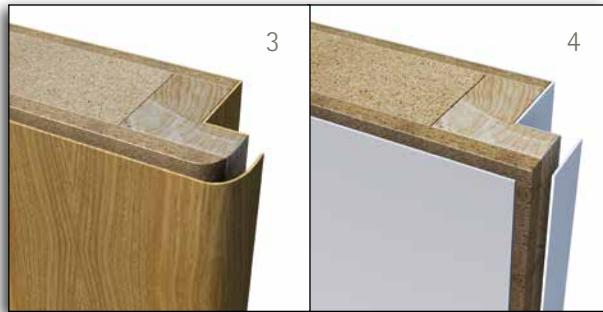
# 2D FILMS

## CROSS-SECTION

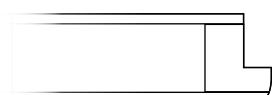


## DOOR LEAF

The standard processing method for the door leaf is flat lamination. The angular, narrow surfaces are dealt with by applying adhesive to the edges, while 2D coating is the appropriate method for round edges.



3 2D COATING



4 FLAT LAMINATION / EDGING



# SECURITY DOORS – A SURE THING WITH RENOLIT

Gone are the days when security doors were doomed to be a grey presence. The versatile laminating film **RENOLIT ALKORFOL STEEL** lends an attractive appearance to security doors while maintaining high functionality.

The proven speciality film **RENOLIT ALKORFOL STEEL** provides steel surfaces with a scratch-resistant and decorative appearance in monochrome, metallic or wood designs. With an infinite colour palette and a wide range of emboss structures and gloss levels, this robust surface offers a varied selection of design options for doors.

Depending on the application area, **RENOLIT** provides this film with various properties – and obviously in accordance with all conventional international testing standards. The film is impressive not only thanks to its good looks: it's also practical, extremely scratch-resistant, flame-resistant and abrasion-resistant.

And **RENOLIT ALKORFOL STEEL** is very easy to use. The film is perfect for sheet metal lamination.



**RENOLIT ALKORFOL STEEL** is designed for laminating steel and aluminium surfaces and offers a scratch-resistant and decorative look.



vinyl<sup>plus</sup>



Rely on it.