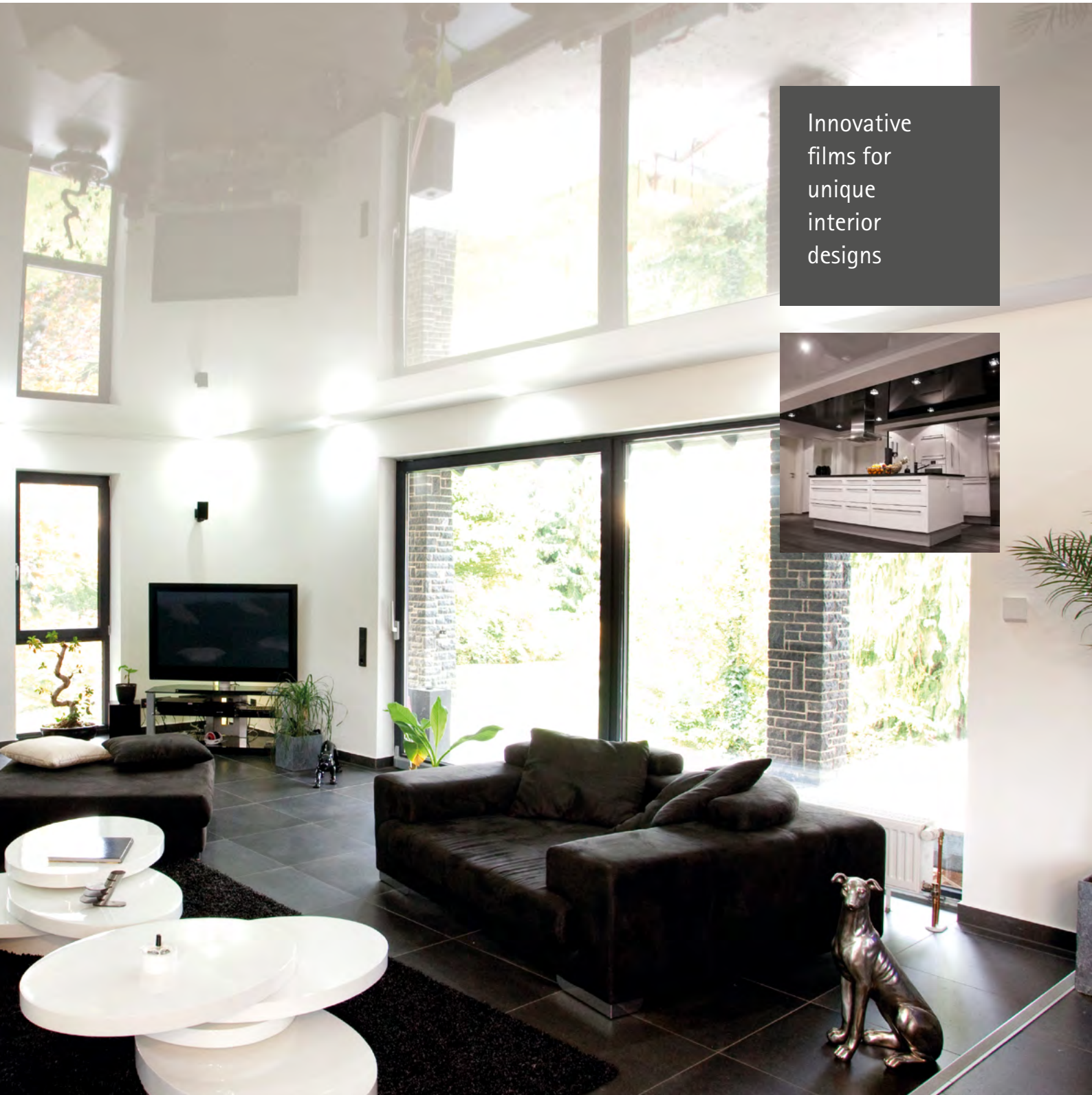
RENOLIT

Rely on it.

RENOLIT ceiling film
Premium vinyl film for the manufacture of stretch ceilings



RENOLIT ceiling film

RENOLIT ceiling film is a decorative vinyl film specifically designed for the manufacture of interior ceilings. Whilst it is mostly used for flat suspended ceilings and light ceilings, it is suitable for more creative applications such as individually shaped ceilings, 3D light objects, walls or exhibition panels.

The manufacture of a top quality stretch ceiling requires a top quality vinyl film. The true flatness of RENOLIT ceiling film guarantees smoothness and the quality and visual consistency of the film is perfect when covering large areas. Because of its flexibility, the material adapts perfectly to any shape or design, following the previously installed profile.

Our stretched ceiling films are produced in Germany. RENOLIT ceiling film is available in three surface finishes - Supermirror (Highgloss), Satin and Matt. A standard range of 24 colours is available from stock. In addition, the material can be produced (conditions apply) in almost any colour or shade to personalize individual projects.

Quality & Safety

- The standard fire retardancy level of our ceiling film is B-s1,d0 and B-s2, d0 (in acc. with DIN EN 14716)
- Certified QM-System (in acc. with DIN EN 9001:2015)
- Certified steam permeability
- Material has a level of impermeability against water damage

Ecology:

- Containing minimum 20% of (pre-consumer) recycled film
- Basic formulation free of phthalates
- Certified low heavy metal migration (RohHS directive compliance)
- 100% recyclable
- Certified low emission, class A+

Health & comfort:

- Micro-perforated films for acoustic solutions
- BioPruf™ treated film available

Decorative:

- Countless design possibilities in terms of colours, shapes and structures
- Available in various colours and surface finishes
- High gloss surface with best mirror effect in the market

100% MADE IN GERMANY

MADE IN GERMANY

PRODUCT RANGE

FLEXIBLE PVC FILM: DEVELOPED SPECIFICALLY FOR INTERIOR APPLICATIONS

	STOCK ITEMS	MADE TO ORDER
Colour	■ 24 Standard colours	■ Virtually any colour possible
Surface finish	■ Supermirror (high gloss) ■ Satin (satin matt) ■ Matt (formerly Stellar)	■ Supermirror (high gloss) ■ Satin (satin matt) ■ Matt (formerly Stellar)
Fire retardance level	■ B-s1, d0 in acc. with DIN EN 14716	■ B-s1, d0 in acc. with DIN EN 14716 ■ B-s2, d0 in acc. with DIN EN 14716
Special types	■ BIO-PRUF™ treated film ■ Micro-perforated acoustic film	■ BIO-PRUF™ treated film ■ Micro-perforated acoustic film ■ Cosmic gold and silver
Heavy metals	■ Free of heavy metals in acc. with RoHS	■ Free of heavy metals in acc. with RoHS
Film thickness	■ 150 µm	■ 150 µm
Film width	■ Up to 200 cm	■ 150 - Up to 200 cm
Roll length and winding	■ Satin / Matt: 100 m, face side on inside ■ Supermirror: 2 x 50 m, kiss-laminated	■ Satin / Matt: 300 m, face side on inside ■ Supermirror: 2 x 150 m, kiss-laminated
Cores	■ Steel, internal diameter 76 mm	■ Steel, internal diameter 76 mm
Packaging	■ Individual boxes on non-returnable wooden pallet	■ Individual boxes on non-returnable wooden pallet ■ Rolls hanging on returnable Lico pallets
Minimum order quantity	■ 100 m (1 roll)	■ 3,000 m (exceptionally: 2,100 m subject to surcharge)

PROOF OF ORIGIN

Each roll provided with lasered and numbered RENOLIT hologram (4.2 x 1.6 cm)

With regard to storage, handling and processing, please see our specification and handling recommendations.

This infomation on RENOLIT products is based on the information currently available to us. Details of mechanical characteristics are based on tests which are considered to be reliable. The values listed here are typical values and are not to be adopted into customers' specifications. They serve solely as a source of information and are provided without any guarantee. As such, they do not establish a warranty in any form. We reserve the right to undertake technical modifications. This information may only be published in whole or in part with the prior consent of RENOLIT.

STOCK RANGE

SUPERMIRROR

Polar White	Classic White	Creme	Beige	Sandstone
S10.40.76.0010.000	S10.40.76.0011.000	S10.40.76.0012.000	S10.40.76.0013.000	S10.40.76.0023.000
Peach	Red	Wine red	Soft Mint	Clear Blue
S10.40.76.0014.000	S10.40.76.0015.000	S10.40.76.0016.000	S10.40.76.0017.000	S10.40.76.0018.000
Dark Blue	Brown	Pearl Grey	Silver Grey	Black
S10.40.76.0019.000	S10.40.76.0020.000	S10.40.76.0024.000	S10.40.76.0021.000	S10.40.76.0022.000

SATIN

Classic White	Translucent	Ivory	Light green	Mindful Grey
S10.40.76.0005.000	S10.40.76.0006.000	S10.40.76.0007.000	S10.40.76.0008.000	S10.40.76.0009.000

for light ceilings

MATT (formerly Stellar)

Polar White	Classic White	Natural Grey	Black
S10.40.76.0001.000	S10.40.76.0002.000	S10.40.76.0003.000	S10.40.76.0004.000

SPECIALS

M-PERF Polar White	M-PERF Satin White	Translucent Cuadradillo	Translucent Satin 3 m	Polar white mat BIO PRUF
S10.40.72.0032.000	S10.40.72.0015.000	S10.00.00.0290.000	S10.40.76.0025.000	S10.40.93.001.000

for light ceilings

for light ceilings

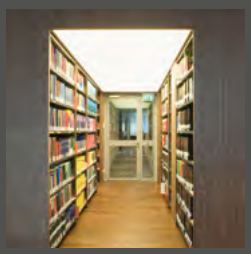
* The colours shown are an indication only and are no substitute for original samples

MICRO-PERFORATED ceiling film

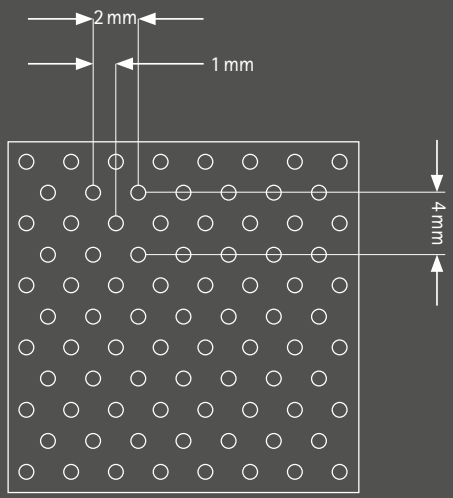
RENOLIT micro-perforated ceiling film is designed for the manufacture of acoustic ceilings and walls. This material offers an optimum acoustic solution for many different spaces, both in commercial buildings and private houses. The perfect harmony between the size and structure of the perforations not only results in maximum sound absorption, but offers improved installation properties and strength of the film at the same time.

The small perforations of 0.3 mm diameter in stretched condition are hardly visible to the human eye. This allows the creation of ceilings with the desired acoustic properties without compromising the aesthetics.

The acoustic ceiling film is available in any desired colour in the three surface finishes; Supermirror, Satin and Matt (Stellar), including a translucent version for light ceilings.



- Perforation density: 250,000 perforations /m²
- Standard perforation size 0,30mm. Perforations of 0,15mm or 0,45mm available on request
- Perforation layout:



BIO-PRUF™ TREATED ceiling film

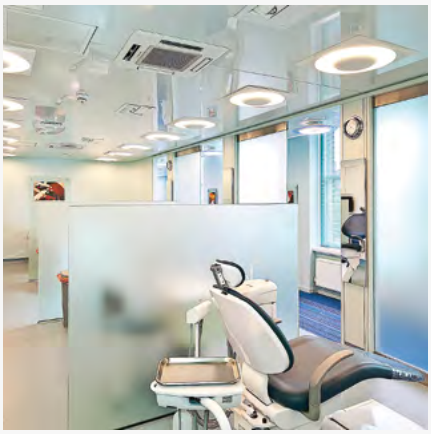
Bio-Pruf™ TREATED
to resist the growth of mold, mildew and odor-causing microbes

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

BIO-PRUF™ treated stretch ceiling film is a solution for modern ceilings in health care and other areas where hygiene is of special importance. The formulation of the film features BIO-PRUF™ technology from The Dow Chemical Company.

The material is treated with BIO-PRUF™ antimicrobial additive to inhibit the growth of microorganisms. This not only leads to a stretch ceiling film that is both, mildew and odour-resistant, but the additive also acts as a preservative. It protects the materials surface as it resists deterioration by mould fungus as well as discolouration by mould or mildew.

In consequence, this BIO-PRUF™ treated film contributes to a healthy and hygienic atmosphere in any room - whether it be in a hospital or doctor's practice, a sports centre, hotel rooms or a private bathroom.



Acknowledgement: We thank our customers ***Grupa DPS Sp. z.o.o.***, ***CILING Decken und Licht GmbH*** (Cover), ***Barrilux Stretch Ceiling***, ***Vecta Design LTD*** and ***Stretch ME*** for their kind contribution of reference photos.

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RENOLIT – The company

The **RENOLIT Group** is a leading global specialist for high-quality plastic films, sheets and other plastic products. With more than thirty-five production sites and sales entities in over twenty countries, and with annual sales of around € 1 billion, the company is one of the world's leading plastic product manufacturers. Today more than 4,700 employees continue to further the knowledge and expertise gained from over seventy years of business.

The **RENOLIT** brand today stands for technical excellence, modern design and a partnership-based service. RENOLIT products enhance surfaces, waterproof, protect, stabilise and offer many other additional benefits. Always developed with our customer requirements in mind and manufactured to the highest quality, our products can often make a vital difference.

RENOLIT products create the ideal conditions for innovative solutions in many industries and are used for a broad range of applications – from everyday consumer goods to the latest developments in science and technology. Their remarkable versatility also enables high-resolution signage, for example in illuminated advertising and graphic wrapping for vehicles.

Our products facilitate new and exciting concepts in the furniture industry and interior design. In the construction sector they give creative freedom to architects and developers in designing outdoor installations, roofs, canopies, window frames, façades and swimming pools. They are equally important where reliability is essential – in dam construction and in civil engineering as well as in medical and pharmaceutical applications, such as blood bags and infusion systems.

Automotive manufacturers value **RENOLIT** products for their light weight, high rigidity, easy processing and complete recyclability. In sailing, boating and shipping, they protect and enhance the hulls of all types of vessels and ships. They provide passengers with anti-slip surfaces and protection from the elements. These are just a few of the countless customised applications for customers in many other industries.

Market Unit Protect

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