

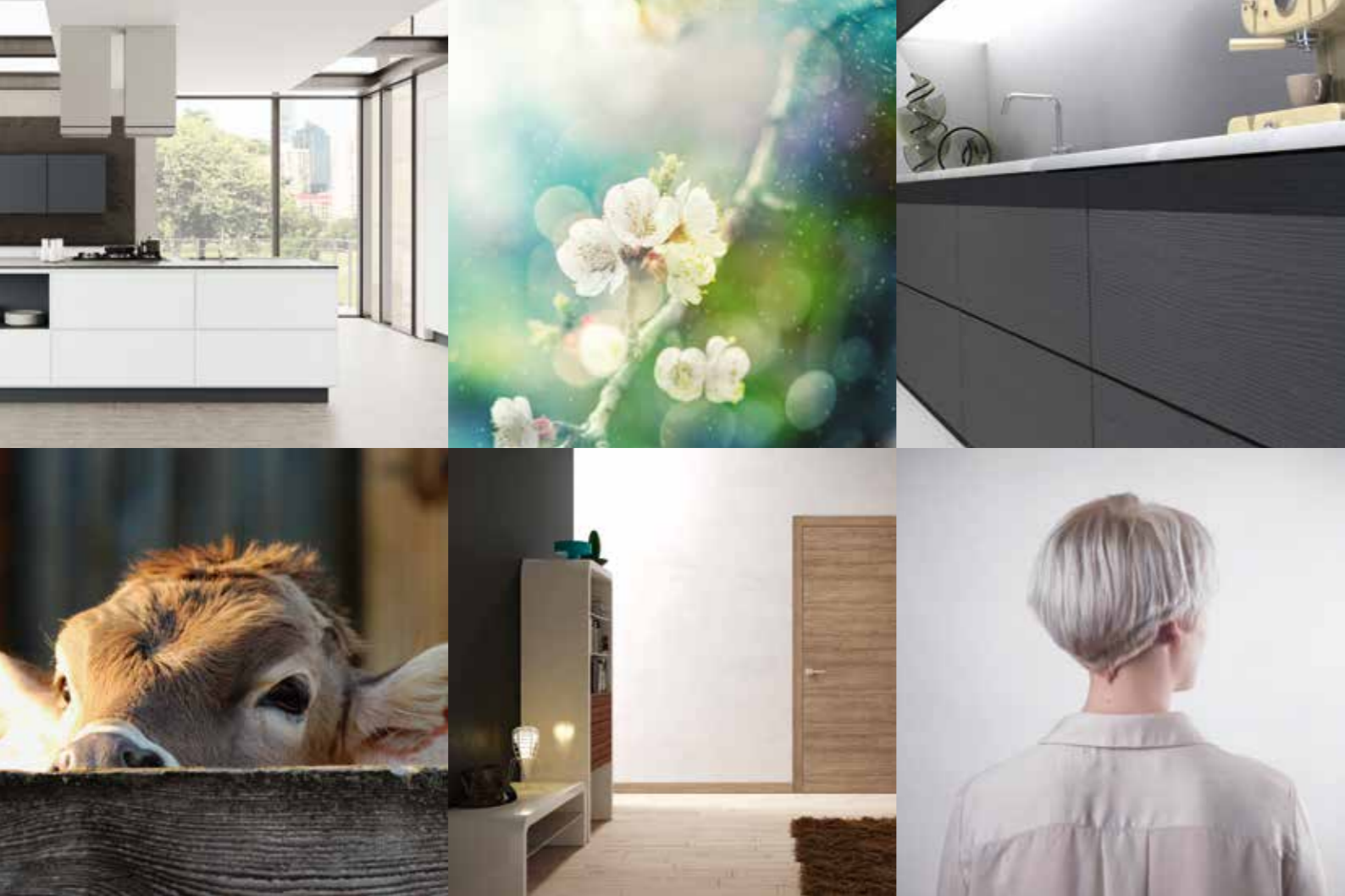
RENOLIT
2D
Stock Range

STOCK OVERVIEW AND PRODUCT DESCRIPTION

RENOLIT ALKORCELL



Rely on it.



RENOLIT
2D
Stock Range

RENOLIT ALKORCELL – INSPIRE, DESIGN, INSTALL. FILMS MADE FOR INTERIOR USE.

Special surfaces with a tactile feel are what make the decisive difference with 2D flat laminations. RENOLIT ALKORCELL films are not only simple to fit, they also offer a unique visual and tactile impression. Choose between surfaces with a matt finish, a wood texture or distinctive pattern embossing. The embossing of the wood impression for example perfectly supports the printed image, creating a very authentic, natural look. Alongside exceptional embossing and printed décors, sophisticated technical features guarantee the optimum functionality of the film. The film's resilience also makes it ideal for use in mobile homes and caravans.

RENOLIT ALKORCELL PRINT DESIGNS

CATEGORY	DESIGN NAME	DESIGN NUMBER	ARTICLE CODE	WIDTH in mm	THICKNESS in µ	LENGTH in lm	PRICE GROUP	COORDINATED PVC 3D FILM ON STOCK
ASH	LOIRE ASH NATURAL P	9.0406.005 - 6 542 00	S40.60.04.0050.000	1.400	120	800	7	
ASH	ME LAGODA ASH RUSTIC	3.0120.005 - 1 520 00	S40.69.04.0475.000	1.400	120	500	8	
ASH	ME LAGODA ASH TIN MARRONE	3.0120.006 - 8 101 00	S40.69.04.0479.000	1.400	120	500	8	
ASH	ME LAGODA ASH WHITE GREY P	3.0120.004 - 1 019 00	S40.69.04.0469.000	1.400	120	500	8	
ASH	ME RIBEIRA ASH CREAM	2.0052.006 - 1 019 00	S40.69.04.0329.000	1.400	120	600	8	
ASH	ME RIBEIRA ASH ICE	2.0052.005 - 1 019 00	S40.69.04.0328.000	1.400	120	600	8	
ASH	ME RIBEIRA ASH NORDIC	2.0052.009 - 1 019 00	S40.69.04.0362.000	1.400	120	600	8	
ASH	ME RIBEIRA ASH WHITE	2.0052.016 - 1 019 00	S40.69.04.0424.000	1.400	120	500	8	
ASH	ME RIBEIRA ASH WHITE Q	1.0118.001 - 1 126 00	S40.69.04.0480.000	1.400	120	500	8	
CHERRY	ME MALAGA CHERRY TRUFFLE P	9.0390.044 - 1 723 00	S40.69.04.0287.001	1.400	120	600	8	Driftwood 3 S40.42.04.0108.
CHERRY	ME PAMPLONA 4 P	9.0441.004 - 1 520 00	S40.69.04.0381.000	1.400	120	650	8	
CHERRY	ME PAMPLONA MELINGA PA	9.0441.002 - 1 723 00	S40.69.04.0049.001	1.400	120	600	8	
CHERRY	ME PAMPLONA NATURAL TWEEDY	9.0441.005 - 1 520 00	S40.69.04.0303.000	1.400	120	650	8	
CHERRY	PEGESA CHERRY NATURAL P	9.0425.004 - 1 148 00	S40.60.04.0039.000	1.400	120	800	7	
CONIFERS	ME MOUNTAIN LARCH CAPPUCINO P	9.0016.001 - 1 723 00	S40.69.04.0003.001	1.400	120	650	8	
ELM	ME ELMO WARM VERALINGA	3.0023.005 - 1 019 00	S40.69.04.0236.000	1.400	120	600	8	
ELM	ME MONTE CARLO BLEACHED	3.0098.001 - 1 520 00	S40.69.04.0420.000	1.400	120	500	8	
ELM	ME MONTE CARLO DARKBROWN	3.0098.003 - 1 520 00	S40.69.04.0474.000	1.400	120	500	8	
ELM	ME MONTE CARLO GREY	3.0098.002 - 1 019 00	S40.69.04.0438.000	1.400	120	500	8	
ELM	ME MONTE CARLO LIGHT GREY	2.0098.001 - 1 019 00	S40.69.04.0418.000	1.400	120	500	8	
ELM	ME SWISS ELM DARK GREY	9.0429.018 - 1 520 00	S40.69.04.0358.000	1.400	120	600	8	
ELM	ME SWISS ELM DARK TWEEDY	9.0429.005 - 1 520 00	S40.69.04.0142.003	1.400	120	650	8	Swiss Elm Dark S40.40.04.0892.
EXOTICS	ME FINELINE VERALINGA GREY P	3.0024.001 - 1 019 00	S40.69.04.0291.000	1.400	120	600	8	
EXOTICS	ME MOLDAU ACACIA 23	9.0412.023 - 1 012 00	S40.69.04.0150.001	1.400	120	650	8	
EXOTICS	SILVER AMARI	9.0693.026 - 1 148 00	S40.60.04.0035.000	1.400	120	800	6	
METALLICS	ME MAKALU CONCRETE ANTIQUE COPPER P	2.0097.004 - 4 009 00	S40.69.04.0454.000	1.400	120	400	9	
METALLICS	ME PLAZA STONE CONCRETE BROWN P	2.0077.007 - 4 009 00	S40.69.04.0477.000	1.400	120	500	9	
METALLICS	ME PLAZA STONE DARKGREY P	2.0077.010 - 4 009 00	S40.69.04.0482.000	1.400	120	500	9	

ME ... MasterEmboss
 ... SP StereoPrint
 ... P PearlPrint
 ... Q Horizontal emboss

PRICE GROUP 1 Solid Colours Standard
 PRICE GROUP 2 Solid Colours Recoatable
 PRICE GROUP 3 Solid Colours Premium
 PRICE GROUP 4 Solid Colours Special
 PRICE GROUP 5 Solid Colours SuperMatt

PRICE GROUP 6 Printed Designs Standard
 PRICE GROUP 7 Printed Designs Premium
 PRICE GROUP 8 Printed Designs MasterEmboss
 PRICE GROUP 9 Premium Metallics

Minimum order quantity: 1 pallet = 4 rolls

CATEGORY	DESIGN NAME	DESIGN NUMBER	ARTICLE CODE	WIDTH in mm	THICKNESS in µ	LENGTH in lm	PRICE GROUP	COORDINATED PVC 3D FILM ON STOCK
OAK	ME AMBERES OAK BLEACHED	3.0106.002 - 1 520 00	S40.69.04.0437.000	1.400	120	500	8	
OAK	ME AMBERES OAK LIGHT GREY	3.0106.003 - 1 520 00	S40.69.04.0434.000	1.400	120	500	8	
OAK	ME AMBERES OAK NATURAL	3.0106.001 - 1 520 00	S40.69.04.0432.000	1.400	120	500	8	
OAK	ME BRUSHED OAK CREAM	9.0407.006 - 8 511 00	S40.69.04.0164.000	1.400	120	600	8	
OAK	ME BRUSHED OAK GREY	9.0407.005 - 8 511 00	S40.69.04.0159.000	1.400	120	600	8	
OAK	ME GLADSTONE OAK BIANCO P	3.0062.013 - 1 019 00	S40.69.04.0383.000	1.400	120	600	8	
OAK	ME GLADSTONE OAK DARK GREY	2.0062.001 - 1 019 00	S40.69.04.0359.000	1.400	120	600	8	
OAK	ME GLADSTONE OAK GREY	9.0062.007 - 1 019 00	S40.69.04.0336.000	1.400	120	550	8	
OAK	ME GRANDSON OAK NATURAL	3.0107.007 - 1 019 00	S40.69.04.0436.000	1.400	120	500	8	Grandson Oak Natural S40.42.04.0289.
OAK	ME GRANDSON OAK WHITE GREY P	3.0107.006 - 1 019 00	S40.69.04.0435.000	1.400	120	500	8	
OAK	ME MAGELLAN ICE P	3.0045.001 - 1 019 00	S40.69.04.0357.000	1.400	120	600	8	
OAK	ME OAK MELINGA GREY	9.0435.068 - 1 723 00	S40.69.04.0005.000	1.400	120	600	8	Oak Melinga Grey S40.42.04.0033.
OAK	ME SALINAS OAK COCOA BEAN	3.0080.006 - 1 520 00	S40.69.04.0404.000	1.400	120	600	8	
OAK	ME SALINAS OAK NATURAL	3.0080.005 - 1 520 00	S40.69.04.0405.000	1.400	120	600	8	Salinas Oak Natural S40.42.04.0278.
OAK	ME SANDRINGHAM OAK BLEACHED	9.0039.008 - 1 019 00	S40.69.04.0323.000	1.400	120	650	8	
OAK	ME VERALINGA OAK 19	9.0435.019 - 1 019 00	S40.69.04.0298.000	1.400	120	600	8	
OAK	ME VERALINGA OAK BROWN	9.0039.006 - 1 019 00	S40.69.04.0278.000	1.400	120	600	8	
OAK	ME VINTAGE OAK DARK	3.0074.005 - 1 200 00	S40.69.04.0367.000	1.400	120	650	8	Vintage Oak Dark S40.42.04.0282.
OAK	ME VINTAGE OAK LIGHT GREY	1.0074.001 - 1 144 00	S40.69.04.0409.000	1.400	120	500	8	
OAK	ME VINTAGE OAK LUCID	3.0074.008 - 1 144 00	S40.69.04.0408.000	1.400	120	500	8	
OAK	VERADE OAK NATURAL	9.0606.020 - 8 018 00	S40.60.04.0216.001	1.400	120	800	6	
PINE	ME ANDERSEN PINE RUSTIC	3.0073.005 - 1 019 00	S40.69.04.0433.000	1.400	120	500	8	
PINE	ME ANDERSEN PINE TAUPE	3.0073.001 - 1 019 00	S40.69.04.0353.000	1.400	120	600	8	Andersen Pine Taupe S40.42.04.0277.
PINE	ME ANDERSEN PINE WHITE	1.0073.001 - 1 019 00	S40.69.04.0352.000	1.400	120	600	8	Andersen Pine White S40.42.04.0275.
REALISTIC PORE	PECAN LIGHT GREY	9.0914.064 - 1 538 00	S40.60.04.0557.001	1.400	120	800	7	
REALISTIC PORE	PECAN SNOW-WHITE	9.0914.044 - 1 538 00	S40.60.04.0277.000	1.400	120	800	7	Pecan Snow-White S40.42.14.0026.
REALISTIC PORE	ROUGH OAK CAPPUCINO	9.0914.069 - 1 541 00	S40.60.04.0570.000	1.400	120	600	7	
REALISTIC PORE	ROUGH OAK WHITE GREY	9.0914.068 - 1 541 00	S40.60.04.0572.000	1.400	120	600	7	

ME ... MasterEmboss
 ... SP StereoPrint
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 PRICE GROUP 5 Solid Colours SuperMatt

PRICE GROUP 6 Printed Designs Standard
 PRICE GROUP 7 Printed Designs Premium
 PRICE GROUP 8 Printed Designs MasterEmboss
 PRICE GROUP 9 Premium Metallics

Minimum order quantity: 1 pallet = 4 rolls

RENOLIT ALKORCELL PRINT DESIGNS

CATEGORY	DESIGN NAME	DESIGN NUMBER	ARTICLE CODE	WIDTH in mm	THICKNESS in µ	LENGTH in lm	PRICE GROUP	COORDINATED PVC 3D FILM ON STOCK
REALISTIC PORE	SERENA OAK KNOTLESS 74	9.0914.074 - 1 141 00	S40.60.04.0577.000	1.400	120	800	7	
REALISTIC PORE	SKY OAK LIGHT GREY Q	9.0914.094 - 1 745 00	S40.60.04.0603.000	1.400	120	800	7	
REALISTIC PORE	SKY OAK WHITE GREY Q	9.0914.093 - 1 745 00	S40.60.04.0602.000	1.400	120	800	7	
SPECIAL EFFECTS	ME STRATUM ONYX P-Q	9.0753.014 - 4 002 00	S40.69.04.0346.000	1.400	120	500	9	
SPECIAL EFFECTS	ME VINTAGE LEATHER TABAC	2.0108.002 - 3 009 00	S40.69.04.0488.000	1.400	120	500	8	Vintage Leather Tabac S40.40.04.1003.
STONE	ME MAKALU CONCRETE	2.0097.001 - 4 009 00	S40.69.04.0446.000	1.400	120	500	8	
STONE	ME MAKALU OPAL GREY	1.0097.004 - 4 009 00	S40.69.04.0460.000	1.250	120	550	8	
STONE	ME MAKALU PEARL GREY	1.0097.005 - 4 009 00	S40.69.04.0459.000	1.250	120	500	8	
STONE	ME PLAZA STONE CONCRETE	2.0077.001 - 4 002 00	S40.69.04.0369.001	1.260	120	500	8	
WALNUT	ALTAMIRA WALNUT DARK	3.0063.003 - 6 542 00	S40.60.04.0531.000	1.400	120	800	6	
WALNUT	ME DABEMA WALNUT ANTHRACITE P	3.0119.004 - 1 520 00	S40.69.04.0473.000	1.400	120	500	8	
WALNUT	ME DABEMA WALNUT GREY	3.0119.002 - 1 520 00	S40.69.04.0470.000	1.400	120	500	8	
WALNUT	ME DABEMA WALNUT NATURAL	3.0119.003 - 1 520 00	S40.69.04.0471.000	1.400	120	500	8	
WALNUT	ME NOCE BARONE CARAMEL	9.0098.007 - 1 520 00	S40.69.04.0447.000	1.400	120	500	8	
WALNUT	NOCE OPERA SIENA DARK P	9.0864.038 - 1 148 00	S40.60.04.0302.000	1.400	120	800	7	
WOODGRAIN STEREOPRINT	PECAN NUTWOOD DARKBROWN SP	9.0538.008 - 1 538 00	S40.60.05.0069.000	1.400	120	800	7	
WOODGRAIN STEREOPRINT	SERENA OAK BIANCO 2 SP	3.0050.012 - 1 143 00	S40.60.05.0067.000	1.400	120	700	7	
WOODGRAIN STEREOPRINT	SERENA OAK SABBIA SP	3.0050.009 - 1 143 00	S40.60.05.0063.000	1.400	120	600	7	
WOODGRAIN STEREOPRINT	SERENA OAK TABAC SP	3.0050.008 - 1 143 00	S40.60.05.0062.000	1.400	120	800	7	

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Minimum order quantity: 1 pallet = 4 rolls



RENOLIT ALKORCELL SOLID COLOURS

CATEGORY	DESIGN NAME	DESIGN NUMBER	ARTICLE CODE	WIDTH in mm	THICKNESS in µ	LENGTH in lm	PRICE GROUP	COORDINATED PVC-3D FILM ON STOCK
METALLICS	ME LINO GLASS P	9.0952.059 - 2 004 00	S40.69.04.0282.000	1.400	120	500	9	
METALLICS	ME LINO SILVER P	9.0952.062 - 2 004 00	S40.69.04.0286.000	1.400	120	500	9	
METALLICS	ME TIN SAND P	9.0952.073 - 8 101 00	S40.69.04.0457.000	1.260	120	550	9	
METALLICS	ME TIN STONE GREY P	9.0952.074 - 8 101 00	S40.69.04.0458.000	1.260	120	550	9	
METALLICS	ME TIN TRUFFLE P	9.0952.076 - 8 101 00	S40.69.04.0495.000	1.260	120	500	9	
METALLICS	NEO SHIN SILVER M	9.0952.063 - 8 020 00	S40.60.09.0006.000	1.260	180	500	9	
SOLID COLOR	ME GRAFFIO TRUFFLE P	9.0952.076 - 9 725 00	S40.69.04.0496.000	1.260	120µ	500	3	
SOLID COLOR	ME REMIX WHITE P	9.0952.072 - 9 724 00	S40.69.04.0481.000	1.400	120	500	3	
SOLID COLOR	REMIX DARKGREY	02.15.71.000078 - 9 724 00	S40.60.03.0700.000	1.400	120	600	3	
SOLID COLOR	SP BLACK	02.15.01.000031 - 8 022 00	S40.62.03.0002.000	1.260	150	500	1	
SOLID COLOR	TIN DARKGREY	02.15.71.000078 - 8 101 00	S40.60.03.0659.000	1.300	120	600	3	
SOLID COLOR	TWILL DARK GREY	02.15.71.000040 - 2 086 00	S40.60.03.0697.000	1.400	120	500	3	
SOLID COLOR	VINTAGE LEATHER WHITE	02.15.91.000040 - 3 009 00	S40.60.03.0690.000	1.260	120	450	3	
SOLID COLOR	WELSH BEIGE	02.15.91.000020 - 3 045 00	S40.60.03.0117.000	1.250	100	600	3	
SOLID COLOR RECOATABLE	SATINAGE 4 WHITE RECOATABLE	02.15.91.000052 - 8 010 00	S40.60.03.0364.002	1.300	180	600	2	
SOLID COLOR SPECIAL	BLACK ASH	02.15.01.000032 - 1 524 00	S40.62.03.0003.000	1.260	180	500	4	
SOLID COLOR SPECIAL	LINO WOLFRAM GREY 2	02.15.71.000091 - 2 004 00	S40.60.03.0530.000	1.400	120	500	4	Lino Wolfram Grey S40.40.03.0881.
SOLID COLOR SPECIAL	SHIN BLACK	02.15.01.000036 - 8 068 00	S40.62.03.0005.000	1.260	180	500	4	

CATEGORY	DESIGN NAME	DESIGN NUMBER	ARTICLE CODE	WIDTH in mm	THICKNESS in µ	LENGTH in lm	PRICE GROUP	COORDINATED PVC-3D FILM ON STOCK
SOLID COLOR SPECIAL	SIRIUS CREAM GREY 80	02.15.11.000185 - 8 022 00	S40.62.03.0020.000	1.260	180	550	4	
SOLID COLOR SPECIAL	WELSH CREAM GREY 80	02.15.11.000185 - 3 045 00	S40.62.03.0019.000	1.260	180	450	4	
SOLID COLOR SPECIAL	WELSH DARKBROWN	02.15.01.000044 - 3 045 00	S40.62.03.0021.000	1.260	180	500	4	
SOLID COLOR WOODGRAIN	GROOVED OAK TRISTAN	02.15.71.000028 - 1 144 00	S40.60.03.0635.000	1.400	120	500	3	
SOLID COLOR WOODGRAIN	OKASHA CRYSTAL WHITE	02.15.91.000052 - 1 012 00	S40.60.03.0313.001	1.400	120	600	3	
SOLID COLOR WOODGRAIN	SERENA OAK ALASKA WHITE	02.15.91.000214 - 1 143 00	S40.60.03.0567.000	1.400	120	500	3	Serena Oak Alaska S40.42.03.0075.
SOLID COLOR WOODGRAIN	SERENA OAK STONE GREY	02.15.71.000106 - 1 143 00	S40.60.03.0577.000	1.400	120	800	3	
SOLID COLOR WOODGRAIN	VERALINGA ALASKA WHITE	02.15.91.000214 - 1 019 00	S40.60.03.0516.000	1.400	120	500	3	Veralinga Alaska White S40.42.03.0073.
SUPER MATT	ALASKA WHITE SUPER MATT	02.15.91.000135 - 8 010 00	S40.67.03.0019.000	1.400	200	500	5	
SUPER MATT	BLACK SUPER MATT	02.15.01.000032 - 8 010 00	S40.67.03.0004.000	1.400	200	500	5	
SUPER MATT	LIGHT GREY SUPER MATT	02.15.71.000162 - 8 010 00	S40.67.03.0061.000	1.400	200	500	5	
SUPER MATT	MAGNOLIA 696 SUPER MATT	02.15.91.000177 - 8 010 00	S40.67.03.0028.000	1.400	200	500	5	
SUPER MATT	MOVE ALASKA WHITE MATT	02.15.91.000135 - 9 015 00	S40.66.53.0001.000	1.300	200	300	5	
SUPER MATT	MOVE TRISTAN MATT	02.15.71.000125 - 9 015 00	S40.66.53.0002.000	1.300	200	300	5	
SUPER MATT	SAND SUPER MATT	02.15.91.000207 - 8 010 00	S40.67.03.0029.000	1.300	200	500	5	Sand Satin S40.40.13.0002.
SUPER MATT	SNOW WHITE SUPER MATT 2	02.15.91.000074 - 8 010 00	S40.67.03.0023.000	1.400	200	500	5	
SUPER MATT	STONE GREY SUPER MATT	02.15.71.000163 - 8 010 00	S40.67.03.0060.000	1.400	200	500	5	

ME ... MasterEmboss
 ... P PearlPrint
 ... M Metallic base film
 Minimum order quantity: 1 pallet = 4 rolls

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PRICE GROUP 6 Printed Designs Standard
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DISCOVER
THE DETAILS.



RENOLIT ALKORCELL

Solid Type S40.60.03 | Printed Type S40.60.04
Thickness 0.10; 0.12; 0.15; 0.18 mm

GENERAL DESCRIPTION

RENOLIT ALKORCELL is a decorative finish foil for interior use based on polypropylene (PP). It is suitable for the surface coating of wood based substrates and is used in the production of furniture elements. A lacquer finish¹ provides the foil with the characteristics required for these applications.

PROPERTIES²

Chemical resistance	class 1 C	DIN 68861/1
Abrasion resistance ³	min. 400 turns	Taber abrasor CS 10
Water resistance	long-term exposure	no change
Dry heat	class 7 C (= 100 °C)	DIN 68861/7
Wet heat	class 8 B (= 70 °C)	DIN 68861/8
Light fastness	≥ 5	DIN EN ISO 4892-2 DIN EN ISO 105 B 02

MODE OF DELIVERY

Roll length	800 lm
Standard width	1,300 mm / 1,400 mm
Min. quantity for the first/following order	5,000 lm / 10,000 lm

STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20 °C).
- Shelf life: about 12 months

PROCESSING

RENOLIT ALKORCELL is suitable for flat lamination (1D) and wrapping (min. thickness 0,12 mm, e. g. for profiles or 2D-parts).

- Finishes 922/xx, 987/xx and 989/xx are ensuring good bonding with dispersions, hotmelts and solvent based adhesives (universal primer).
- Finishes 923/xx and 988/xx are only suitable for the use of urea resin (hardener on backside).
- Finish 995/xx is only suitable for dispersion glues (antistatic primer).
- Recommendations for the use of additional finishes are available on demand.
- Foils without primer on the backside are requesting form the processor high accurateness concerning choosing the right adhesive as well as controlling and ensuring carefully the needed surface tension! Potentially the processor needs to Corona-treat the back side of the foil!

While wrapping a radius of < 3 mm specific machine settings might be required.

CLEANING

- Use mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

ENVIRONMENT

RENOLIT ALKORCELL is based on polypropylene (PP), the formulation is free from halogen components, plasticisers and formaldehyde. Environmentally compatible pigments are preferably in production. Low-pollutant waste disposal by incineration is possible.

TECHNICAL STATUS 2018

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

¹ Exception: Foils without finish and with finish 961/xx, 965/xx and 968/xx

² For foils without finish and with finish 961/xx, 965/xx and 968/xx the mentioned properties cannot be confirmed, only complete finished foils are tested to be confirmed

³ Tested with flat embossings

RENOLIT ALKORCELL MasterEmboss

Printed Type S40.69.04 I Finish 987/xx
Thickness 0.12 mm and 0.15 mm

GENERAL DESCRIPTION

RENOLIT ALKORCELL MasterEmboss is a decorative finish foil for interior use based on polypropylene (PP). The outstanding advantages of this material are founded in the combination of a special printing and embossing technique in which the deep pore structure and printed design are perfectly matched. Main application of RENOLIT ALKORCELL MasterEmboss is surface lamination of wood based substrates for products as furniture parts, panels and caravan interiors etc. A duromer lacquer finish provides the foil with the characteristics required for these applications.

PROPERTIES

Chemical resistance	class 1 C	DIN 68861/1
Abrasion resistance	min. 400 turns	Taber abrasor CS 10
Water resistance	long-term exposure	no change
Dry heat	class 7 C (= 100 °C)	DIN 68861/7
Wet heat	class 8 B (= 70 °C)	DIN 68861/8
Light fastness	≥ 5	DIN EN ISO 4892-2 DIN EN ISO 105 B 02

MODE OF DELIVERY

Roll length	500 - 600 lm
Standard width	1,300 mm / 1,400mm
Min. quantity for the first/following order	5,000 lm / 10,000 lm

STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20 °C).
- Shelf life: about 12 months

PROCESSING

RENOLIT ALKORCELL MasterEmboss is suitable for flat lamination (1D) and profile wrapping (2D). To be able to process RENOLIT ALKORCELL MasterEmboss with most well known glueing systems, a primer is applied on the backside. Finish 987/.. ensures a save adhesion with dispersion glues, hotmelts and solvent based adhesives.

While wrapping a radius of < 3 mm specific machine settings might be required.

CLEANING

- Use mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

ENVIRONMENT

RENOLIT ALKORCELL MasterEmboss is based on polypropylene (PP), the formulation is free from halogen components, plasticisers and formaldehyde. Environmentally compatible pigments are preferably in production. Low-pollutant waste disposal by incineration is possible.

TECHNICAL STATUS 2018

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

RENOLIT ALKORCELL Stereo Print

Printed Type S40.60.05 | Finis 987/xx
Thickness 0.12 and 0.15 mm

GENERAL DESCRIPTION

RENOLIT ALKORCELL Stereo Print is a decorative finish foil for interior use on based on polypropylene (PP). The special characteristic of RENOLIT ALKORCELL Stereo Print is the unique combination of synchronized pattern printing and mechanical embossing. RENOLIT ALKORCELL Stereo Print is a reproduction of veneered surfaces and solid wood with an amazingly natural appearance. It is suitable for coating of wooden materials and is used for products as furniture parts, panels and caravan interiors etc.

A duromer lacquer finish provides the foil with the characteristics required for these applications.

PROPERTIES

Chemical resistance	class 1 C	DIN 68861/1
Abrasion resistance	min. 400 turns	Taber abrasor CS 10
Water resistance	long-term exposure	no change
Dry heat	class 7 C (= 100 °C)	DIN 68861/7
Wet heat	class 8 B (= 70 °C)	DIN 68861/8
Light fastness	≥ 5	DIN EN ISO 4892-2 DIN EN ISO 105 B 02

MODE OF DELIVERY

Roll length	800 lm
Standard width	1,300 mm / 1,400mm
Min. quantity for the first/following order	5,000 lm / 10,000 lm

STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20 °C).
- Shelf life: about 12 months

PROCESSING

RENOLIT ALKORCELL Stereo Print is suitable for flat lamination (1D) and profile wrapping (2D). To be able to process RENOLIT ALKORCELL Stereo Print with most well known glueing systems, a primer is applied on the backside. Finish 987/.. ensures a save adhesion with dispersion glues, hotmelts and solvent based adhesives.

While wrapping a radius of < 3 mm specific machine settings might be required.

CLEANING

- Use mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

ENVIRONMENT

RENOLIT ALKORCELL Stereo Print is based on polypropylene (PP), the formulation is free from halogen components, plasticisers and formaldehyde. Environmentally compatible pigments are preferably in production. Low pollutant waste disposal by incineration is possible.

TECHNICAL STATUS 2018

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RENOLIT ALKORCELL SuperMatt

Solid Type S40.67.03 | Finish 922/xx
Thickness 0.20 mm

GENERAL DESCRIPTION

RENOLIT ALKORCELL SuperMatt is a decorative finish foil for interior use based on polypropylene (PP) with a silky-matt surface. It is suitable for coating wooden materials, such as medium density fiberboard (MDF), and can be used for the production of furniture elements, especially the so-called 2-D-coated furniture panels.

PROPERTIES

Gloss level	6 (+/- 1)	DIN 67530; 60° measuring head
Chemical resistance	class 1 B*	DIN 68861/1
Scratch resistance	class 4 E (> 0.5 - 1.0 N)	DIN 68861/4
Abrasion resistance	at least 400 turns	Taber abrasor CS 10
Water resistance	long-term exposure	no change
Dry heat	class 7 C (= 100 °C)	DIN 68861/7
Wet heat	class 8 B (= 70 °C)	DIN 68861/8
Light fastness	≥ 6	DIN EN ISO 4892-2 DIN EN 105 B 02

* With the exception of ethylalcohol, butter, mustard

MODE OF DELIVERY

Roll length	500 lm
Standard width	1,300 mm / 1,400mm
Min. quantity for the first/following order	5,000 lm / 10,000 lm

PROCESSING

RENOLIT ALKORCELL SuperMatt is suitable for wrapping (2D) and laminating (1D). If profiles with a radius of < 3 mm are wrapped specific machine adjustments might be needed. Whatever processing technique will be applied it must be ensured that it does not affect the foil properties (e.g. the glue application pattern).

The back of the foil is coated with a primer which facilitates the use of dispersion glue, hot-melt adhesives and solvent-based adhesives. The best surface will be achieved with PUR hot-melt adhesives.

SURFACE QUALITY

The quality of the silky-matt surface conforms to that of the samples. It should be established by way of preliminary tests, whether the surface quality is sufficient for the intended use.

ENVIRONMENT

RENOLIT ALKORCELL SuperMatt is a polypropylene foil. The formulation of this foil is free of halogen compounds, softeners and formaldehyde. RENOLIT ALKORCELL SuperMatt is preferably produced with environmentally-friendly pigments. Waste can be disposed of in an environmentally compatible way by combustion.

CLEANING

- Use mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20°C).
- Shelf life: about 12 months.

TECHNICAL STATUS 2018

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RENOLIT ALKORCELL PHONO

Solid Type S40.62.03 | Printed Type S40.62.04
Finish 987/xx

GENERAL DESCRIPTION

Due to the increased problem of waste disposal of PVC laminated cabinets we developed as an alternative our foil RENOLIT ALKORCELL PHONO based on polypropylene (PP). The processing properties are nearly the same like PVC-foils. The usual technologies for producing cabinets, such as wrapping and V-grooving can be used.

PROPERTIES

Thickness range	0.15 to 0.40 mm	
Tensile strength	≥ 30/20 N/mm ²	DIN 53455, longitudinal/crosswise
Dimension stability	≤ 1%	1h / 80 °C, circulating air oven
Hardness	70 shore D	DIN 53505 D 10s
Adhesive	can be bonded with dispersion-, hotmelt- and solvent-glue	
Other	elastic and minimized whitening	
Application	interior use	

MODE OF DELIVERY

	Stock Items	MTO
Thickness	0.18 mm (SP Black 0.15 mm)	0.10 – 0.40 mm
Roll length	500 lm	> 500 lm
Width	1,260 mm	< 1,500 mm
Min. order quantity	one pallet (~2,000 lm)	10,000 lm

STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20 °C).
- Shelf life: about 12 months

CLEANING

- Use mild cleaning solutions.
- Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.

ENVIRONMENT

RENOLIT ALKORCELL PHONO is based on polypropylene (PP), the formulation is free from halogen components, plasticisers and formaldehyde. Environmentally compatible pigments are preferably in production. Low-pollutant waste disposal by incineration is possible. The foil complies with ROHS- and REACH-regulations.

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RENOLIT ALKORCELL Recoatable

Type S40.60.03 | Finish 968/47 and 968/43

GENERAL DESCRIPTION

RENOLIT ALKORCELL Recoatable is a furniture foil for interior use developed for the individual finishing of the customer. It is suitable for flat lamination and profile wrapping. For application with different kinds of adhesives the foil is provided with a primer on the backside suitable for dispersion, hotmelt and solvent based adhesives. For the realisation of lacquering and special lacquering effects RENOLIT ALKORCELL Recoatable is also coated with a primer on the front side of the foil. The primer on the front side also allows digital printing. Without applying a suitable final finish by the processor RENOLIT ALKORCELL Recoatable has no using properties as required e.g. in the furniture industry.

PROCESSING

RENOLIT ALKORCELL Recoatable can be finished with common lacquers and printing colours developed for polyolefines. In every case trials of the lacquering/printing company and the producer of the lacquer/printing colour are important: to find the right formulation, the best suitable application technique and to approve the testing results of the achieved properties.

Please pay attention to the following recommendations:

- before starting to paint/print RENOLIT ALKORCELL Recoatable make sure, that the glue is dry and has reached its full bonding strength, especially if you have a crosslinking system (normally about seven days)
- the foil is already covered with a primer on the front side therefore don't sand the surface of the foil
- cleaning of the surface before painting/printing: wet with a mild cleaning liquid as long as the printing colours are not attacked
- before painting/printing the surface has to be totally dry and free of any contamination/pollution (dust particles ...)
- paints/printing colours are available to realize a finished product just with one working step and just with one layer of paint/print. To use more than one layer of paint/print, may be in addition to a primer sprayed before, increases the quality of the surface and reduces eventual problems with the foil, for example because of the influence of a high quantity of solvents.

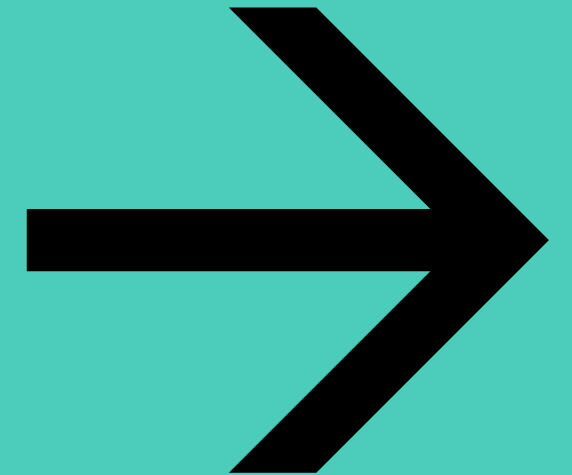
STORAGE CONDITIONS

- Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- Material should be acclimatised 72 hours prior to use at room temperature (about 20 °C).
- Shelf life: about 12 months

TECHNICAL STATUS 2018

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