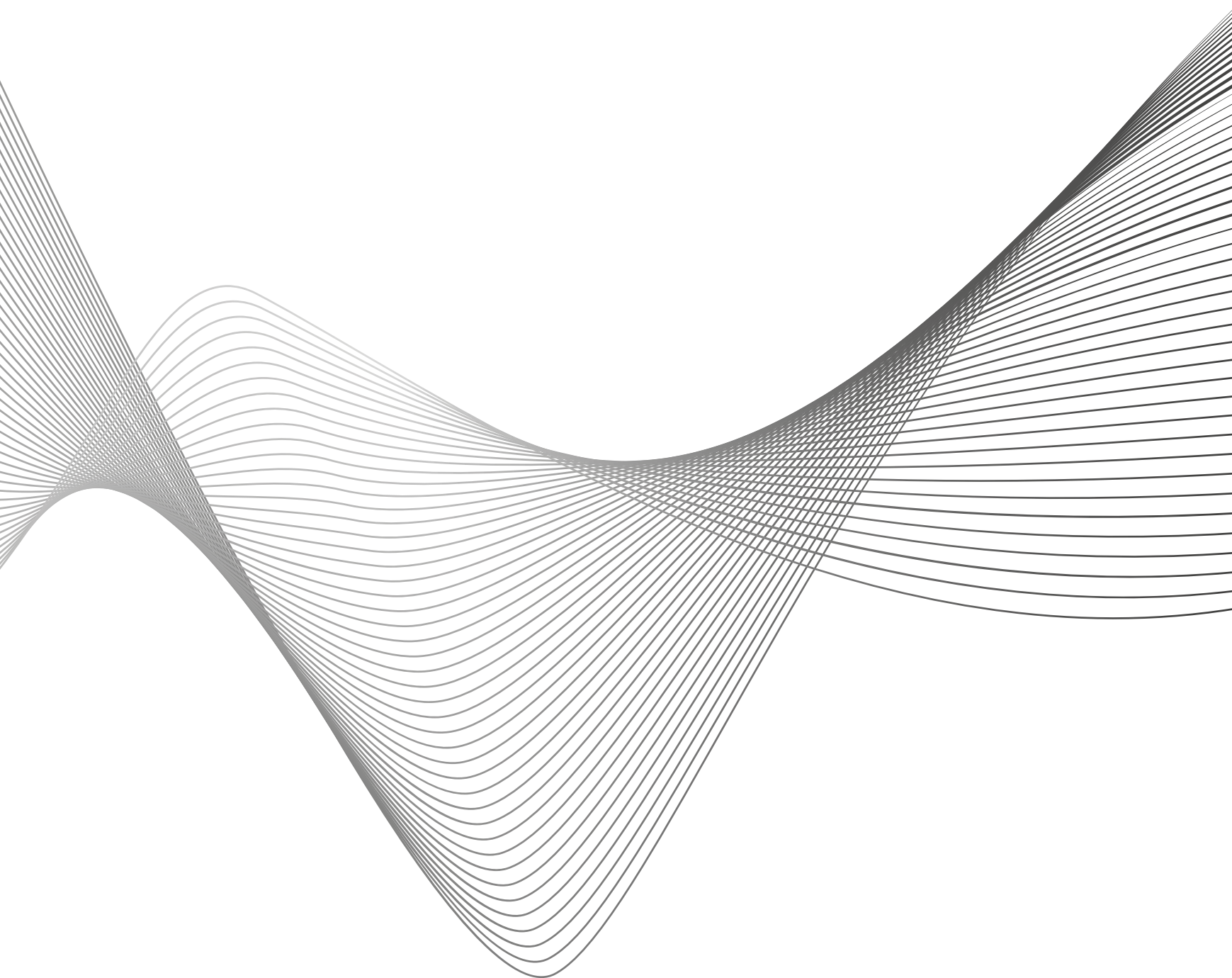


schattdector



impregnated **SURFACES**
by Schattdecor

schattdector One Source. Unlimited Solutions.

ROBUST. HIGH QUALITY. LONG-LASTING.

IMPREGNATED SURFACES – SURFACE QUALITY OF THE FUTURE.

Our Impregnated Surfaces product division supplies you with impregnated decor papers for further processing within your production processes. Thanks to our comprehensive technological expertise, our customers in the wood and materials industry are able to achieve an ultra-robust surface finish for furniture, counter-tops, interior fittings and floors.

The two Impregnated Surfaces lines, Decolay and Teclay, fit perfectly into any production scenario. They enhance the quality of your products and turn them into sophisticated, particularly durable premium products. To this end, we offer you comprehensive solution expertise, well-thought-out service packages and fast, efficient implementation.

Place your trust in Schattdecor’s expertise in finding solutions!

OUR MOTIVATION.

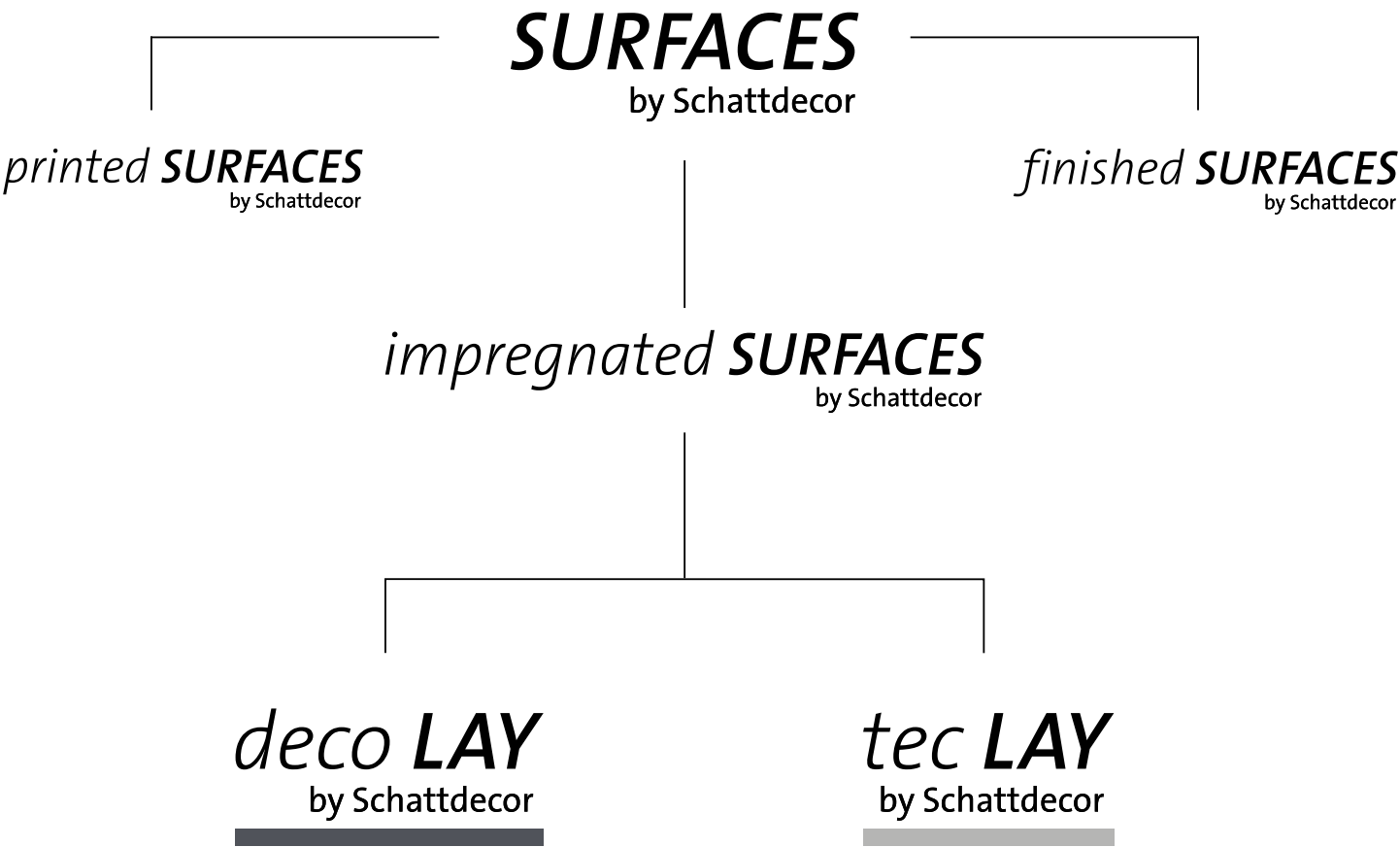
QUALITY, DIVERSITY, AND DESIGN.

At Schattdecor we respond to bustling change and exciting challenges with high-quality, focused team performance. We bundle our skills, think ideas through to the end, and we develop successful, future-oriented solutions for the benefit of our customers.

We master changes shoulder to shoulder, sustainably, flexibly, and with a great passion for exclusive service. When it comes to design, decor development, or application technology, we continue to reinvent ourselves and focus on individual consultation. We develop diverse, multifaceted industry solutions from the comprehensive package of our individual competencies - innovative and from one source.

Our product range reaches from Printed Surfaces and Impregnated Surfaces to Finished Surfaces.

Everything from one source, in proven Schattdecor quality!



DECOLAY BY SCHATTEDECOR

SURFACE SOLUTIONS FOR EVERY REQUIREMENT

As part of our Decolay product line, we develop printed or unprinted surface impregnations which, thanks to their premium product properties, meet the very highest demands. Our customers process these further within the individual, decorative surface design of their own floors and furniture. For the decorative design of your impregnations you can choose from plain colors, wood and stone decors as well as creative fantasy decors.

With 360° industry know-how, flexibility and speed, we guarantee our customers all over the world consistent top performance and the greatest possible delivery reliability.

FOUR IMPREGNATES FOR EVERY NEED

The four decorative impregnates Decolay Classic, Decolay Resist, Decolay Recoat and Decolay Real open up almost unlimited application possibilities: as part of Decolay Classic, we produce decor papers treated with aminoplast resins for coating wood-based materials. Decolay Resist equips our customers' products with an extra plus in robustness for extremely high loads. Because primer application is no longer required, Decolay Recoat enables previously unattainable cost efficiency in the production of super-matt or high-gloss lacquer surfaces. The decor-synchronous surfaces from Decolay Real also meet the demand for solutions between standard melamine-coated panels and high-end synchronous applications.

We can produce Decolay with variable film weights and a production width of up to 2,800 mm. The products of the line are available to our customers in sheet or roll form.

Depending on requirements or area of application, we can develop a tailor-made, individualized product solution in close cooperation with you.

deco LAY
by Schattdecor

decolay CLASSIC
by Schattdecor

decolay RESIST
by Schattdecor

decolay REAL
by Schattdecor

decolay RECOAT
by Schattdecor

On the following pages you will find detailed information on our product variations.

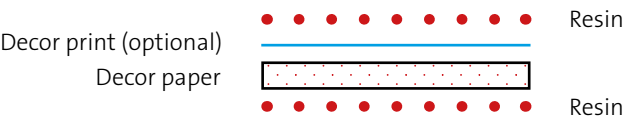


THE CLASSIC

With Decolay Classic, we produce classic impregnated films for our customers for coating wood-based materials. Depending on requirements, we supply printed or plain-colored impregnations which are used, for example, in the furniture and flooring sector.



PRODUCT STRUCTURE



OPTIMUM AREAS OF APPLICATION

- ✓ Flooring ✓ Furnishings ✓ Countertops ✓ Interior design

Decolay Classic is used in furniture panels, countertops and in flooring as an LPL, HPL, DPL or CPL pressing.

PRODUCT BENEFITS

- | | | | |
|--|--|--|--------------------------------------|
| | resilient & abrasion-resistant | | UV-resistant
(indoor application) |
| | environmentally friendly | | high quality |
| | good tension strength | | good resistance against liquids |
| | antibacterial / antimicrobial
version available | | |

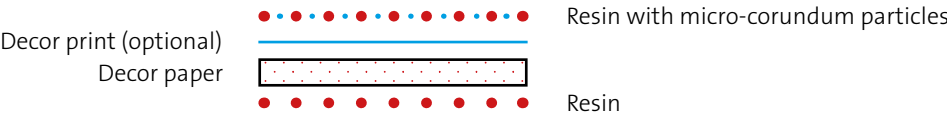
ULTRAROBUST

Decolay Resist extends the product advantages of our classic with special abrasion resistance. Where surfaces are exposed to high loads and heavy wear – for example in public interiors, in highly frequented locations, as well as in kitchen and work areas – Decolay Resist protects the decor’s beauty from wear and tear for a long time. Decolay Resist achieves its significantly increased abrasion resistance and higher resistance to micro-scratches due to additional micro-corundum particles in the upper resin layer.

With Decolay Resist, additional overlay films are no longer necessary for multiple applications. For example, cost-effective laminate surfaces with better transparency can be created or LPL products can be upgraded.



PRODUCT STRUCTURE



OPTIMUM AREAS OF APPLICATION

- ✓ Furnishings
- ✓ Countertops
- ✓ Interior design

Decolay Resist is used in the furniture industry and in interior design as LPL, HPL or CPL pressing. It is particularly suitable for countertops and surfaces that are exposed to high loads and heavy wear.

PRODUCT BENEFITS

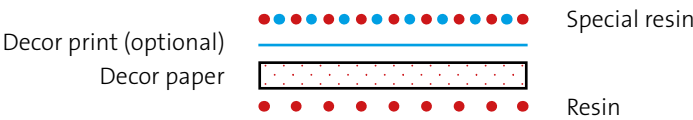
- resilient & abrasion-resistant
- UV-resistant (indoor application)
- environmentally friendly
- high quality
- good tension strength
- good resistance against liquids
- antibacterial / antimicrobial version available
- economic

INNOVATIVE AND COST-EFFICIENT

Our new Decolay Recoat impregnation film, which can be painted over, does not require a primer – thus saving our customers a complete work process in the production of super-matt or high-gloss surfaces for furniture and interior design. A specially adapted formulation now replaces the primer as an bonding agent, thus enabling our customers to immediately paint melamine-coated wood-based materials. In addition to competition-relevant time and cost savings, thanks to Decolay Recoat, customers also benefit from reliable paint bonding and optical enhancements of their products.



PRODUCT STRUCTURE



OPTIMUM AREAS OF APPLICATION

- ✓ Furnishings
- ✓ Interior design

Decolay Recoat is used in the furniture sector and interior design as LPL, HPL and CPL pressing. It is also suitable for kitchen fronts, as well as for laminates and other carrier materials.

PRODUCT BENEFITS

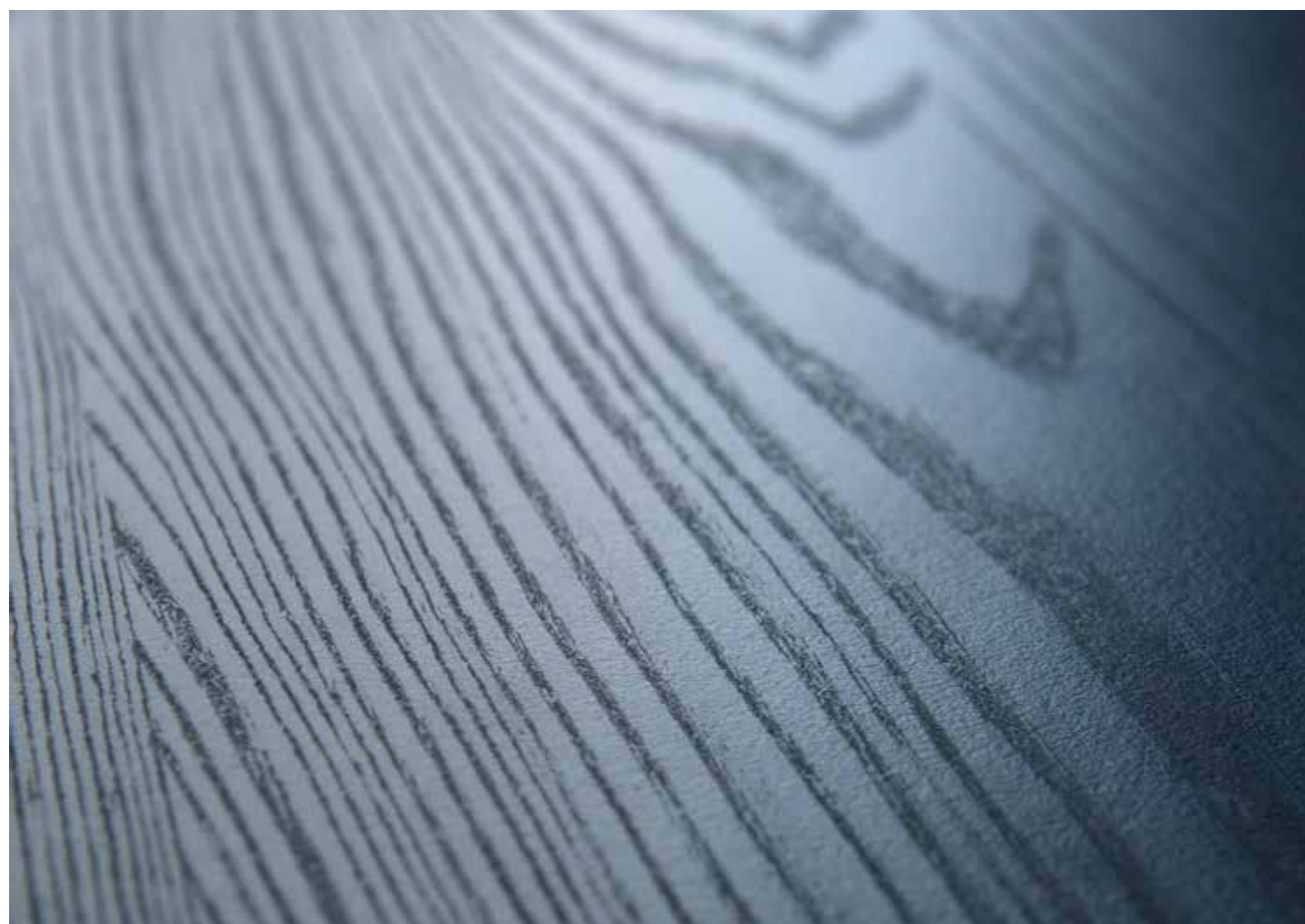
-  economic
-  UV-resistant (indoor application)
-  environmentally friendly
-  high quality
-  good tension strength
-  good resistance against liquids
-  recoatable

FASCINATING REALISM

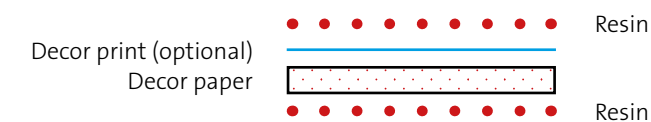
Is it real wood? Veneer? Or an impregnation? With Decolay Real the differences are getting smaller and smaller. The possible applications for you are getting all the greater. With its realistic appearance and vivid textures, Decolay Real is suitable for interior design as well as for highly aesthetic solutions in the furniture sector. Due to design-conscious product innovation and first-class quality, it opens up profitable new areas of application, target groups and markets for our customers.

Decolay Real thus stands for a completely new generation of surfaces that not only provide our customers with exciting product properties, but also with valuable market advantages. On the one hand, the realistic appearance impresses with unrivalled naturalness, vividness and authenticity. On the other hand, Decolay Real offers a particularly efficient, decor-synchronous solution for enhancing numerous products. In addition, Decolay Real is particularly economical: the uncomplicated, flexible processability significantly reduces process costs for our customers.

For decorative design purposes we offer you an extensive collection of the most sophisticated wood finishes.



PRODUCT STRUCTURE











OPTIMUM AREAS OF APPLICATION

- ✓ Furnishings
- ✓ Interior design

Decolay Real is used in the furniture sector as an LPL or CPL pressing and can be coated on commercially available presses. A special press plate (forming tool) is not necessary for this.

PRODUCT BENEFITS

- | | |
|---|---|
|  natural look |  UV-resistant (indoor application) |
|  environmentally friendly |  high quality |
|  good tension strength |  good resistance against liquids |
|  antibacterial / antimicrobial version available |  economic |

TECLAY BY SCHATTDDECOR

With our Teclay product line we supply our customers with very specific impregnated special papers: although these are not optically visible, they do provide real added value for the technical structure of floors and furniture panels.

Within the framework of Teclay, we also offer suitable solutions for coating and finishing plywood panels – an area that is becoming increasingly important in the industry.

We can produce Teclay with variable film weights and a production width of up to 2,800 mm. The products of the line are available to our customers in sheet or roll form.

tec **LAY**
by Schattdecor

teclay **OVERLAY**
by Schattdecor

teclay **CLEAN**
by Schattdecor

teclay **BACKING**
by Schattdecor

teclay **UNDERLAY**
by Schattdecor

teclay **RECOAT**
by Schattdecor

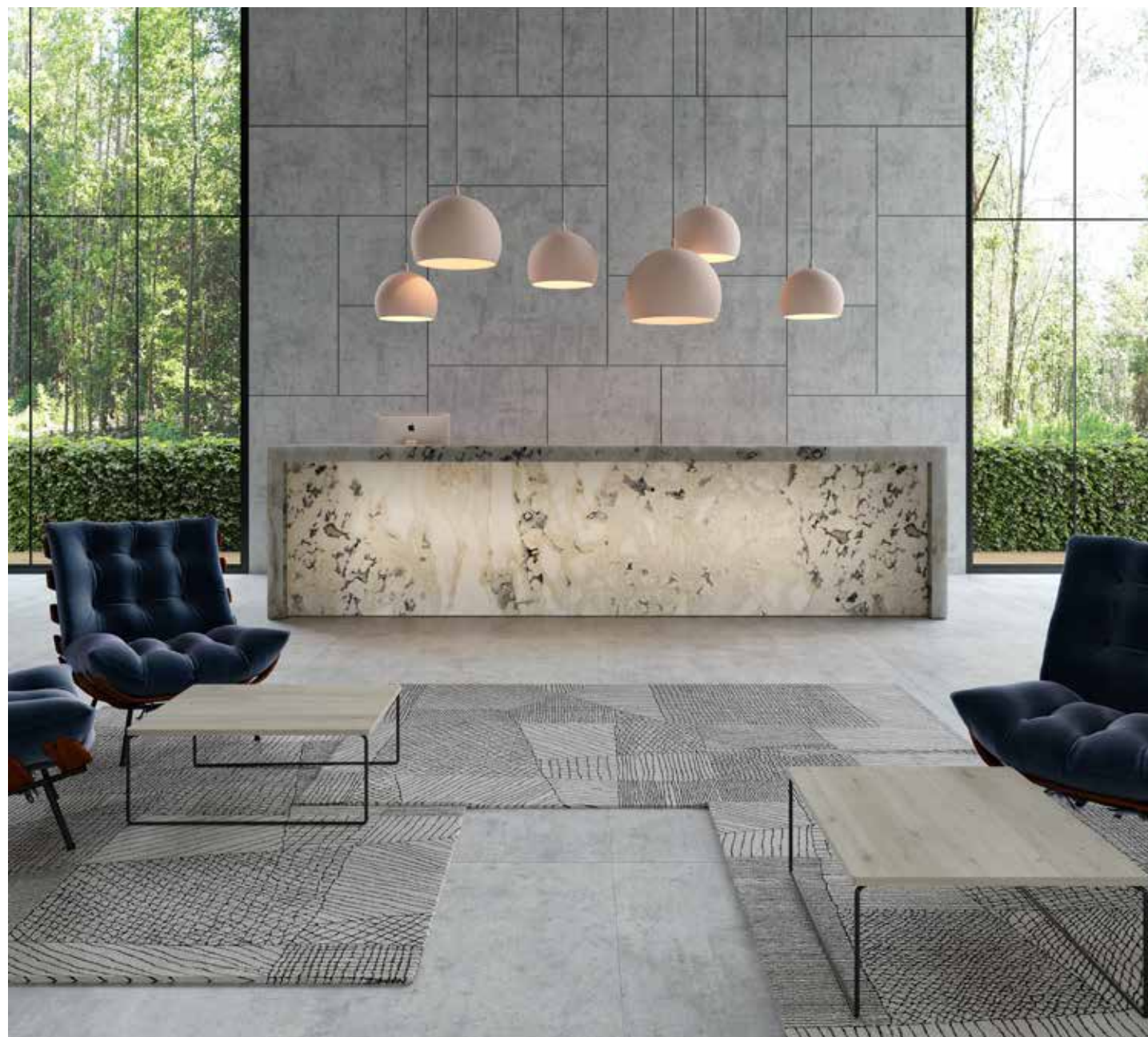
On the following pages you will find detailed information on our product variations.



OPTIMAL PROTECTIVE LAYER

Teclay Overlay is the ideal complement to Decolay Classic. As a wear layer, it protects the decorative film and provides an abrasion-resistant coating for your wood-based materials. We produce Teclay Overlay papers from cellulose paper treated with aminoplast resins and additives, with or without mineral corundum. Its melamine film, which is free of pigments and fillers, becomes completely transparent during pressing.

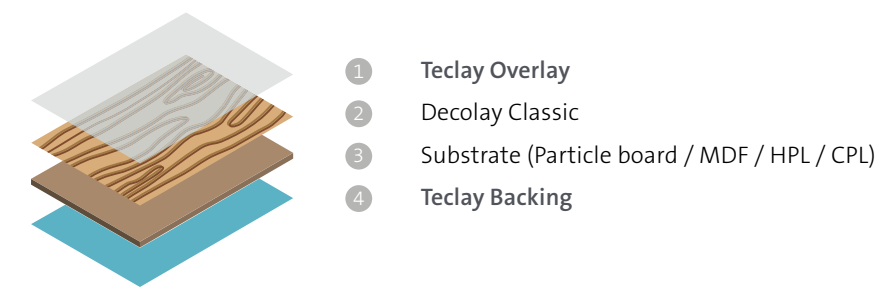
We now also offer Teclay Overlay in printed form. This allows you to create visually sophisticated and particularly aesthetic highlights that individually enhance your products. If required, please feel free to contact us for "Overlay Print" from our Printed Surfaces product division!



EXCITING AND BALANCING

With Teclay Backing we offer impregnated backing papers, which are required for a high-quality coating of wood-based materials in the furniture and flooring industry. On the underside of laminate panels, they are primarily responsible for balancing the tension between overlay and decor paper on the top side.

PRODUCT STRUCTURE



The composition of Teclay Overlay, Decolay Classic and Teclay Backing results in a high-quality overall product for our customers.

OPTIMUM AREAS OF APPLICATION

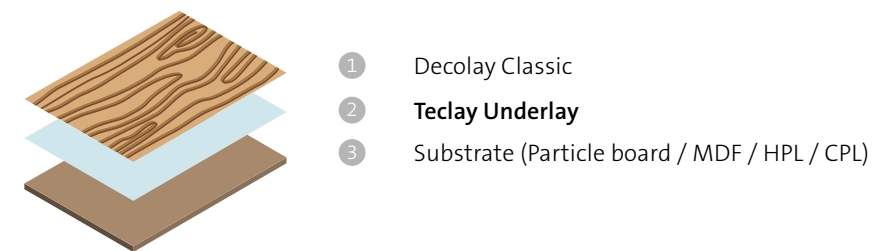
✓ Flooring ✓ Furnishings ✓ Countertops ✓ Interior design

Teclay Overlay and Teclay Backing are used in furniture panels, countertops and especially in flooring as an LPL, HPL, DPL or CPL pressing.

EVENING OUT IRREGULARITIES

The processing of Teclay Underlay makes it possible to level out any unevenness on the substrate. The product increases the opacity of the melamine film and prevents the nature of the carrier board from influencing the final visual result. In addition to achieving even, brilliant surfaces, Teclay Underlay can also be used as a base to achieve greater structural depths.

PRODUCT STRUCTURE



OPTIMUM AREAS OF APPLICATION

- ✓ Furnishings
- ✓ Countertops
- ✓ Interior design

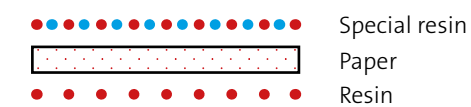
Teclay Underlay is used in the furniture industry and in interior design as well as for countertops as LPL, HPL or CPL pressing.

PLYWOOD FINISHING

Teclay Recoat provides our customers with new options for coating or finishing plywood panels as carrier materials. The interaction of two components creates the optimal primer film: while the melamine backing coat as the lower layer guarantees adhesion to the plywood, the upper layer prepares the material ideally for individual further processing by the customer – for example for overcoating or for a paint application.

From interior construction and renovation, to parts for children's play equipment, Teclay Recoat opens up a wide range of application possibilities within indoor and outdoor scenarios.

PRODUCT STRUCTURE



OPTIMUM AREAS OF APPLICATION

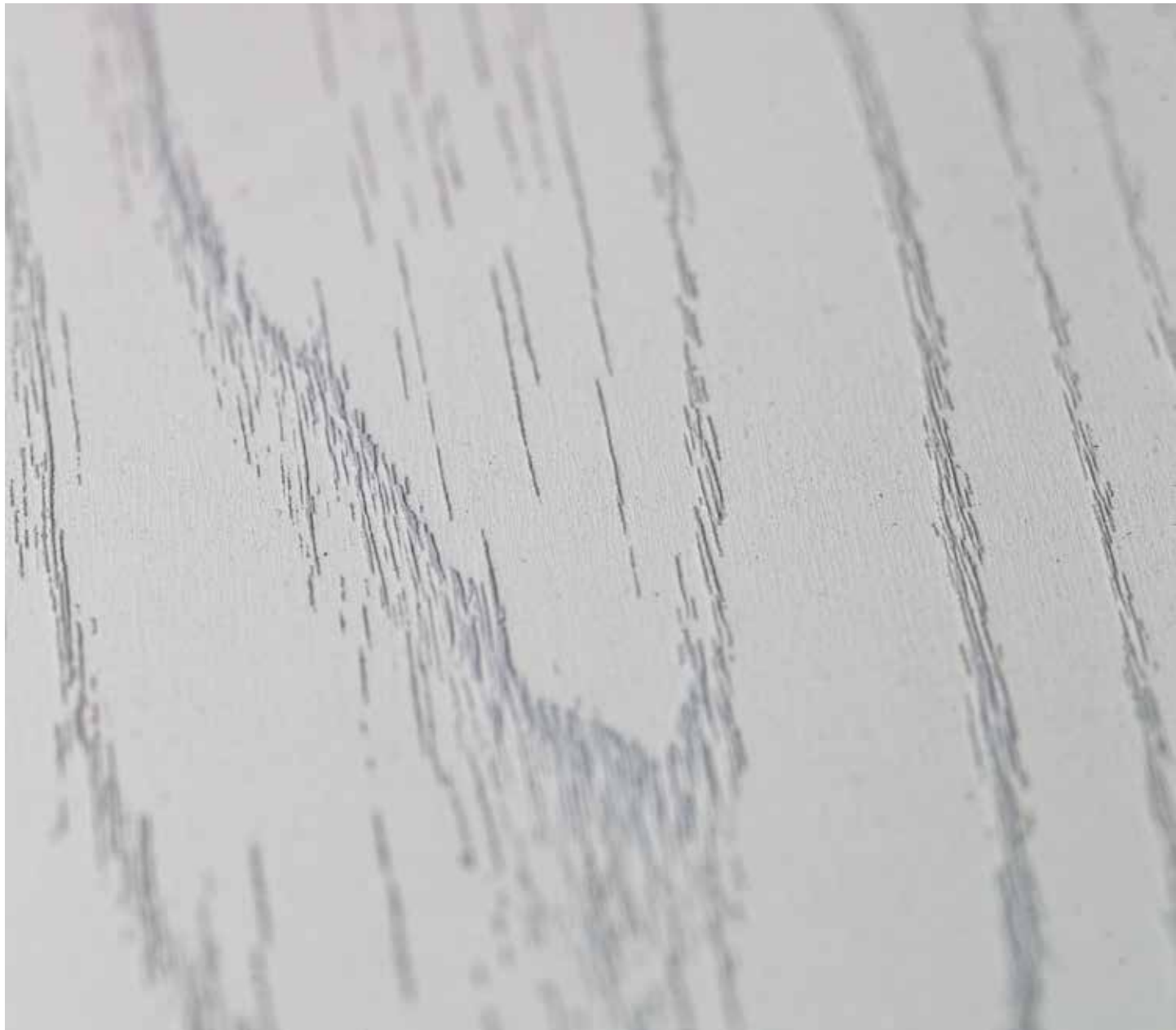
- ✓ Furnishings
- ✓ Interior design
- ✓ Outdoor application

Teclay Recoat is used for coating of plywood panels and – depending on the further processing – it is suitable for indoor or outdoor application.

EFFICIENT. CLEAN. SIMPLE.

With Teclay Clean, Schattdecor provides you with a clever, customer-oriented cleaning solution for press plates used to process our Impregnated Surfaces. Due to the fact that the press plates do not have to be removed, we make an important contribution to smooth-running machinery and efficient, time and cost-saving process optimization.

We developed Teclay Clean directly from the market needs of our customers. The product consists of two components: the first, the cleaning film, guarantees efficient deep cleaning of the press plate. As the second component, the conditioning film ensures an optimum condition of the press plate. This is done quickly, cost-effectively and without long-term interrupting your ongoing processes, thus fulfilling essential additional arguments for your profitability.



CLEANING FILM

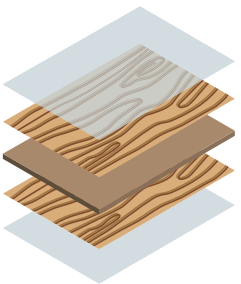
- ✓ Deep cleans press plates
- ✓ Improves the fine and underlying structure
- ✓ Can be performed quickly and cost-effectively
- ✓ Optimizes heat conduction
- ✓ Can be integrated into the current process

CONDITIONING FILM

- ✓ Removes chemical residue
- ✓ Creates an optimal press plate condition
- ✓ Saves time and money
- ✓ Can be integrated into the current process

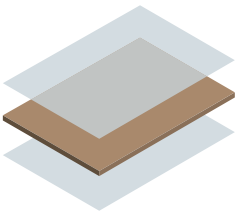
TECHNICAL STRUCTURE

CLEANING FILM



- ① Cleaning film
- ② Decolay Classic (optional)
- ③ Substrate (MDF / Particle board)
- ④ Decolay Classic (optional)
- ⑤ Cleaning film

CONDITIONING FILM



- ① Conditioning film
- ② Substrate (MDF / Particle board)
- ③ Conditioning film

THAT’S THE DIFFERENCE OF OUR IMPREGNATED SURFACES.

LEADERSHIP IN DESIGN

How does the world around us change? How do we want to live tomorrow? Which interior design trends will dominate our future? We continue to ask ourselves these and many other questions to optimize our Finished Surfaces. We would like to give product developers, designers, and architects a completely unique, completely independent trend concept that goes far beyond mere product development and instead provides a valuable focus as well as reliable design, material, and color concepts.

Trade fair visits, design workshops, research, analysis, as well as a continuous international exchange is very important in our trend research. As a family business, we place great value on individual and personal customer service. Our international design team supports our sales team to always stay up to date on trends.

EXCELLENCE IN QUALITY

Our decor surfaces in the Impregnated Surfaces segment are of an exceptionally high quality and pass all common stress tests. We create a consistently high, internationally uniform level of quality with standardized processes on system-compatible printing and impregnation machines, as well as with the use of light-fast paints and high-quality raw materials. We guarantee this with our worldwide binding quality seal “Made by Schattdecor”.



Detailed technical information is available in our product data sheets.

COMMITMENT TO THE ENVIRONMENT

The protection of natural resources and an appreciation of nature and the environment is an important investment into our future. Therefore we only use environmentally friendly printing inks and resins. They are nearly solvent-free and protect the health of our employees as well as our environment. We ensure minimal emissions by using state of the art production facilities, energy-optimized processes, and by continuously investing in environmentally friendly, future-oriented technologies. And that allows us act quickly, immediately, and in a market-oriented manner. Our production locations across the world follow our high, German environmental standards.



Do you have any questions?

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Follow us!



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