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Decor paper for surface applications

Decor papers enable surface upgrades for wood-based substrates for use in the production of furniture, laminate flooring and other interior and exterior design panels. Ahlstrom-Munksjö decor papers function as a carrier of color and provide excellent properties for decorative printing and resin saturation during impregnation. We offer white or solid colored decor papers, specifically for HPL and LPL applications, as well as print base papers and pre-impregnated papers.

Papers for high pressure laminates



Decor papers white and solid color for HPL / CPL
Intense and bright colors
Heavy weight papers (white & intense colors) for interior compact laminates
Digital printing papers for UV ink systems for HPL / CPL process

Our decor papers for high pressure lamination are specialized for surfaces with highest demands on wear and tear.

Our decor papers for HPL and CPL feature aesthetic surfaces, high color consistency and post forming capabilities with excellent durability for demanding applications.

Typical applications include worktops, water resistant panels, and furniture for receptions or laboratories, window sills or outdoor cladding.

Our decor papers for HPL/CPL are available in a wide range of white and solid colors. They offer important characteristics, such as high color consistency and good light-fastness. They have excellent impregnation properties and post forming ability to make the perfect solution for decorative surfaces.

SOLID COLOR TREND COLLECTIONS

Decor paper is a surface material which contributes to an aesthetic rendering of the end product. The surface color is the most visible part of a laminate. Ahlstrom-Munksjö is well known for its professional expertise in colors as well as the creation of regularly new solid color trend collections, a source of color inspiration, compatible with both HPL and LPL transformation processes.

THE RANGE 3, a standard solid color offer

Brought together in the same catalogue, the BEST and the COLLECTION offers will enable impregnators, laminators, wood panel producers as well as designers and architects to find the colors indispensable for creating collections and decor combinations.

The BEST provides a selection of 20 solid colors that are best-sellers in the HPL and LPL industries. The COLLECTION provides a wide selection of 192 solid colors, from the purest white to the most intense red, including an extensive choice of beiges and greys as well as pastels, pure black and the brightest yellows.

These colors, which are perfectly suited to the HPL and LPL industries, meet market requirements including kitchens, bathrooms, and furniture in general.

100% COLOR

A range of 18 colors made of heavy weight decor papers for HPL interior compact laminates used in furnishing applications such as countertops, tabletops, worktops, backsplashes, shelves and doors.

Decor papers for low pressure lamination (LPL)



Decor paper white and solid color for LPL
Backer paper (Laminate Flooring)
Intense and bright colors
Resin saving papers

Low pressure laminates strike a great balance between durability and cost for the most frequent application with paper-based decorative surfaces. They are used in the production of furniture, doors and laminate flooring. We offer decor papers with very good impregnation and resin-saving properties.

Our LPL papers are available in a wide range of white and solid colors and enable high speed impregnation with fast and homogeneous resin penetration.

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100% COLOR

A range of 18 colors made of heavy weight decor papers for HPL interior compact laminates used in furnishing applications such as countertops, tabletops, worktops, backsplashes, shelves and doors.

Print base decor papers



Print base paper white and color
Intense and bright colors
Resin saving papers

Print base papers are high-tech papers with a very smooth surface, dimensional stability and good printability behavior. They are mainly used for laminate flooring and furniture production. Ahlstrom-Munksjö also offers print base paper specifically for digital printing.

Our print base papers are available in a wide range of whites and other solid colors in accordance with customer specifications. Controlled dimensional stability, high printing quality and good runability are the key features of these high-tech papers. Our products have a high adaptability to our customers' processes. Thanks to our technological know-how throughout the entire value chain, we are in a position to offer individual, made-to-measure, customer service and solutions.

Pre-impregnated decor papers



Pre-impregnated foil base papers in white, colors and black
A formaldehyde-free paper concept
M-FOIL-PN the universal clean & green paper generation
M-THIN-MV for inside/backside coverage

Ahlstrom-Munksjö pre-impregnated foil base papers are suitable for furniture, doors, separation walls, ceilings and wall paneling. They feature good printability, a high internal bond level, consistent quality and a wide range of colors.

For finish foil applications with medium demand for scratch and wear resistance, we offer environmentally friendly pre-impregnated papers that offer characteristics, such as: outstanding internal bonding, immediate gluability, formaldehyde-free paper concept, and great printability and flatness properties.

M-FOIL-PN catalogue proposes a range of high quality formaldehyde-free pre-impregnated paper solutions to address the most demanding finish foil processing and applications.

M-THIN-MV collection is made of 4 solid color low basis weight pre-impregnated papers for finish foil applications which are not exposed to extreme surface wear, such as inside and backside of drawers, cupboards or wall and ceiling panels.

Ahlstrom-Munksjö planning further investments at the Dettingen plant

Pre-impregnated papers enjoy a steady demand growth and we expect this increasing trend to continue, since finish foils perfectly support efficient and sustainable furniture manufacturing. As the innovation leader in the production of formaldehyde-free pre-impregnated foil base papers we are planning further investments at our Dettingen plant to further enhance our manufacturing efficiency and capacity. Thereby we ensure that we can serve our customers increasing demand - for clean and green paper solutions - also in a longer term perspective.

Pre-impregnated decor paper, the slimmest and most sustainable process for coating wood-based materials?

A presentation by Dennis Adis, Key Account Manager Sales & Technical Customer Service Ahlstrom-Munksjö Decor Solutions

On 21 – 22 September the Surface in Motion conference was held in Mainz, Germany. We were pleased to support this event and contribute with a lecture to this forum for the decorative surfaces industry.

Pre-impregnated decor paper, developed in the early 1980s as an alternative to post-impregnated products and PVC film, has developed within a short time from a complementary product to a sought-after alternative for coating wood-based materials. But what added value does pre-impregnated decor paper offer today? How efficient is it and what contribution does it make to a more sustainable end product?

Optionally printed with environmentally friendly inks, always coated, e.g. with solvent- and formaldehyde-free lacquers, it is the basis for so-called finish foils, which can be found on many furniture or interior design elements. Pre-impregnated decor paper is bonded to wood-based materials in a low-energy and emission-free finishing process. Films based on pre-impregnated paper enable new shapes and diverse applications in the wood-based materials and furniture industry. Finish foil surfaces are available in different variants - from low-cost to high-quality and very resistant - to meet the respective requirements. Ahlstrom-Munksjö provides product solutions for established processing methods, but also innovations and technical support for new processing possibilities, more sustainable solutions and competitive end products.

Parchment paper for processing of decorative laminates



Good gluability with PU, PVA, PVAC or neoprene glues which eliminates the need for sanding and allow

Less breaks due to higher resistance of the laminates

Less production steps as sanding is not necessary and less stock as no impregnation is needed

Less pollution effects as Ahlstrom-Munksjö Sulflex® protects the chromium belt from phenolic pollut

Ahlstrom-Munksjö Sulflex® Genuine Vegetable Parchment for decorative laminates.

Characteristics

- Adapted for bonding in Continuous Pressure and High Pressure Laminates (CPL & HPL) processes

- Used in the furniture industry (worktops, kitchen or bathroom units) and in the building industry (doors, wall panels and flooring) for post forming, flat laminates, profiles, edges or soft forming

Benefits

Unique base paper with higher flexibility to the laminates (important for tight post forming)

CPL

- Higher flexibility of the laminates by handling & post-forming
- Low laminates thickness option
- No sanding required
- High barrier to resin
- High internal bond, no need to impregnate

HPL

- High barrier to resin
- No sanding required -> Production of thinner laminates possible
- Good gluability with PVA, PVAC, Urea, White Glue, Neopren
- Homogeneous
- Higher flexibility
- Cost

Resin-Gard® Saturating Papers

Uniform formation
Controlled porosity
Consistent and efficient performance
Variety of surface treatments available to suit your needs

Resin-Gard® Saturating Papers are designed to meet the specific needs of high-pressure laminate products, offering various levels of wet strength as well as controlled penetration characteristics for uniform saturability.

Ahlstrom-Munksjö's saturating papers are engineered to meet the uniform saturant (resin and latex) pickup standards and to satisfy finished product strength and performance requirements.

Our saturating papers also offer dimensional stability and surface properties that meet specific processing needs, providing customers with a comprehensive line of quality products.

Characteristics

- Uniform formation: allows for even saturation and pickup
- Controlled porosity: provides optimum saturation properties
- Strength properties: consistent and efficient performance achieved by fiber selection and unique manufacturing processes
- Variety of surface treatments available to suit your needs: flame, water, mold & heat resistance, etc.

Paper Finishes	Basis Weight	Fiber	Applications
MF	41-360 GSM	Bleached and Natural	Overlay, Décor

Ahlstrom-Munksjö uses fiber from responsible and legal sources, and all products qualify for Chain-of-Custody Forestry Credits and Certification.

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