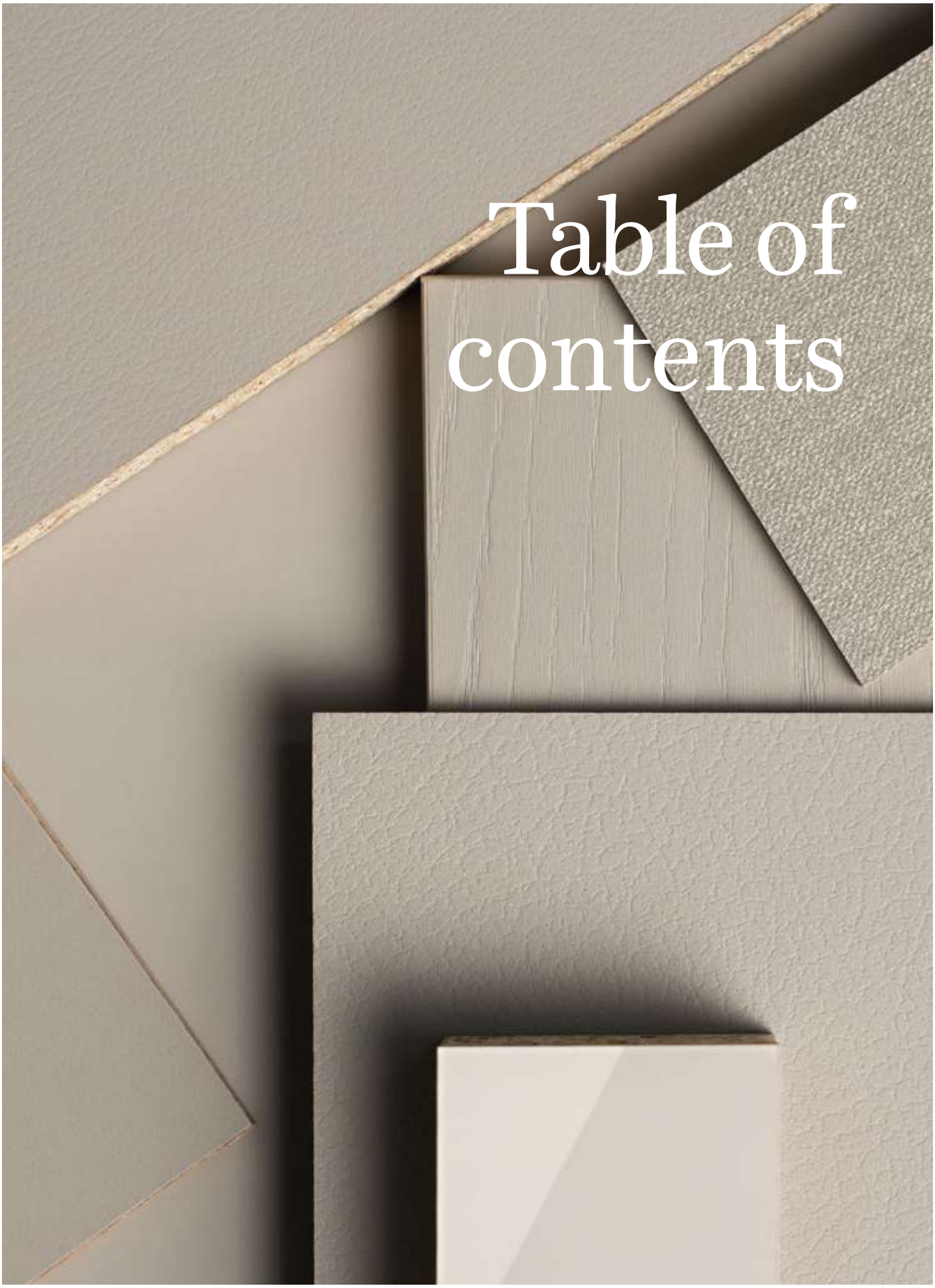
Finsa

Decorative Surfaces

Habitat 360



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Finsa

Finsa, a company supported by over ninety years of experience, has been a pioneer in the transformation, development and manufacture of wood-derived products. In connection with the environment, Finsa continues to work to respond to the needs of the interior design and construction market, ultimately helping to create the spaces we will inhabit in the years to come.

Over the years the company has advanced, never losing its essence but adapting to changing times, with sustainability as a core value and design as its vision for the future. The transformation process to which the raw material is subjected ensures that the wood does not lose its properties; rather, efficiency is improved through an industrial process based on the circular economy system.

Design is part of **Finsa's** DNA — not only as a core element in the creation of its products, but also as one of the brand's key strengths and defining features.

Connect with **Finsa**

Finsa.com

a website with all the information

The **Finsa** website is a practical and intuitive tool that gives you quick access to detailed information about our extensive product range, including technical datasheets, catalogues, and availability guides. It also helps you locate your nearest distributors and stay up to date with the latest news from **Finsa** and the wider industry. What's more, architects, designers, and interior professionals can find inspiration on the site through a curated selection of projects featuring our materials.

Finsa spaces generator:

compare and choose to your liking

Making interior design decisions and advising your clients on trends has never been easier: compare different designs from our range on your screen in the **Finsa** spaces Generator.

How does our Environment Generator work? Using the *"Comparison"* mode allows you to display two settings in the same room configuration at the same time. The detailed view allows you to see the effect of the design on the corresponding finish**.** Do you need to use and share those results outside our digital generator? You can create a report with all the details of the materials sampled for each setting.

Sample service:

however and whenever you want

Why imagine, when you can see for yourself? We can provide samples of our decorative surfaces, allowing you to discover their wide variety. If you'd like to see them in greater detail before making your final decision, simply ask for our samples in A4 size.

Technical Consultancy Support:

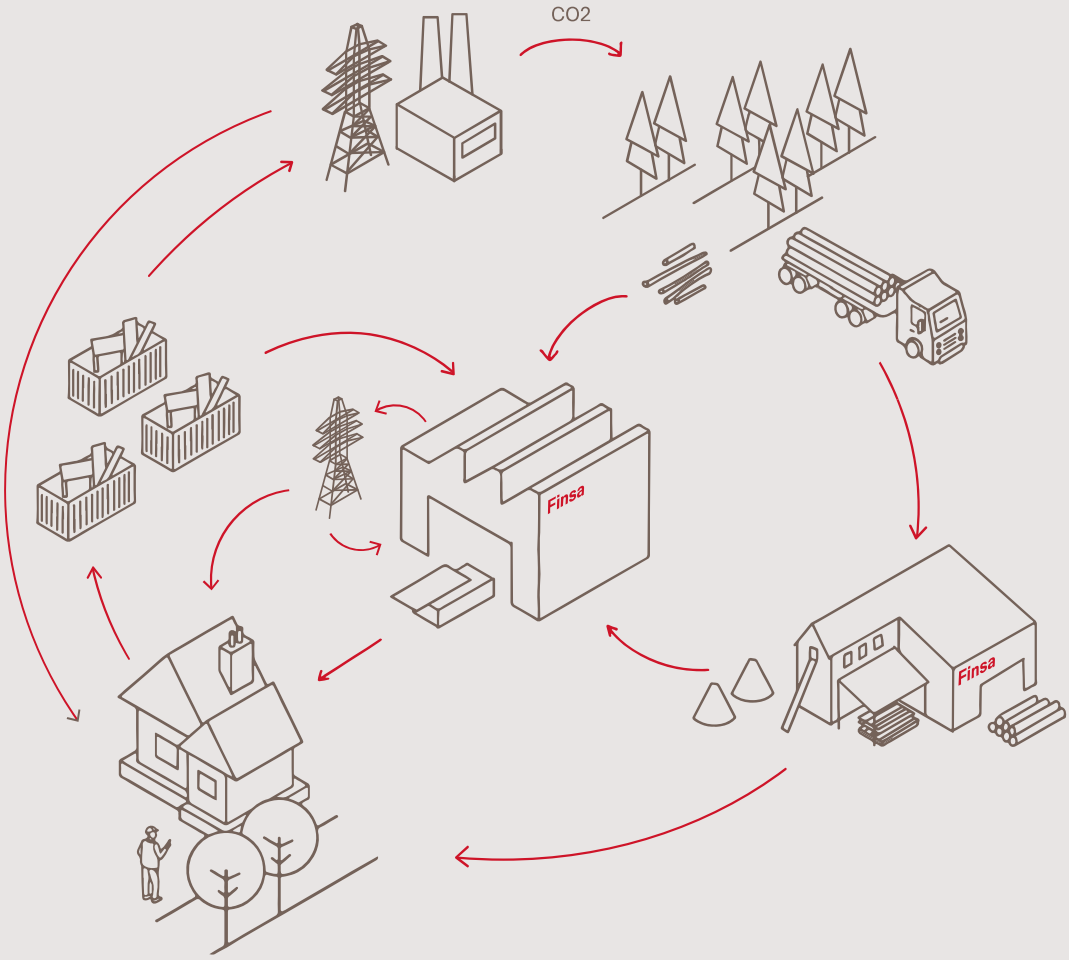
we are part of your team

Finsa's Technical Consultancy team comprises professionals with extensive experience in architecture, interior design, and project development. Their job will be to accompany you during your projects to advise you on wood solutions. We can offer recommendations regarding partners who can support the execution of the work, such as specialised distributors, industrialists and installers. In addition, we work on portfolios and other tools where we compile projects that use our materials, demonstrating the applied products and aiming to inspire you in your own work.

1.
Sustainability

Finsa's technical wood is made using wood from rapidly renewable and recycled species. Finsa's commitment to sustainable growth extends beyond the boundaries of our factories. We consider it an obligation to respect and protect our primary raw material: wood.

For this reason, the development of the environment closest to our work centres and the people who live there is a commitment that we work towards every day.



Product-related certifications

Environmental Product Declaration
Document that communicates the environmental impact of a material during its life cycle, from the raw material extraction process, transport to the manufacturing plant and product manufacturing process.

Cradle-to-cradle.
Multi-attribute certification, directly linked to Sustainable Development Goals (SDGs), demonstrating that a product is safe and circular.

Product Transparency — Declare
Voluntary disclosure programme that makes product ingredients 99.9% explicit. The Declare seal aims to transform the building materials industry, aiming for healthier products through transparency.

HPD Health Assessments
A Health Product Declaration (HPD) is a document shared by manufacturers to disclose a product's ingredients and associated health hazards.

The Material Health Certificate
This is a materials analysis based on the Cradle to Cradle standard health assessment methodology. This certification seeks to promote healthier and safer products.

Ecolabel
Voluntary seal of environmental excellence for products or services, created by the European Union in 1992. It ensures that high ecological standards are met throughout the life cycle. Our laminate floors are currently certified.

Forestry certification, supply chain and transparency

Forestry Certifications

PEFC
PEFC chain-of-custody certification provides a verified and independent guarantee that products with the PEFC label contain certified forest material from sustainably managed forests.

FSC®
We have implemented a PEFC/FSC® chain of custody certification system that allows us to supply certified wood products to customers which are 100% recyclable and contribute greatly to the fight against climate change. This forestry certification promotes certified wood, and to this end we certify our farms and help our suppliers achieve certification.

EUTR
As a sign of transparency, we voluntarily certify compliance with EU Regulation 995/2010 regarding the legal origin of wood.

ISO 38200
This is an internationally recognised standard for the transmission of information along the supply chain of wood and wood-derived products.

Sustainable building certifications

BREEAM, LEED, VERDE, WELL and LBC
Our wood solutions help meet the requirements of sustainable building certifications.

For detailed information on the certifications applicable to each product, please do not hesitate to contact us.


Dior

6. Technical Matt

Range of decorative solutions specially designed for intensive horizontal use. This range of designs in an ultra-matt, velvet-touch, anti-fingerprint finish has anti-bacterial properties and is scratch and dry heat resistant.

The surface combines acrylic lacquers and an electron beam drying system that gives it excellent properties: it is antibacterial and resistant to scratching and dry heat. This range of velvet-touch, ultra-matt, anti-fingerprint textured designs is suitable for food contact and is suitable for use on horizontal and vertical surfaces.

We offer Technical Matt on SuperPan® baseboard, a combination that guarantees superior aesthetics and performance. SuperPan® is the ideal baseboard for demanding projects, offering excellent surface flatness, increased resistance to ageing and superior dimensional stability, making it the perfect base for premium finishes.

Thanks to the quality of SuperPan® Plus EZ, we achieved certification for horizontal use, ensuring optimal performance in applications such as countertops, tables and work surfaces. This solution not only provides a state-of-the-art technical matt finish, but also meets the highest standards of durability and functionality.

Technical

Technical Matt

Technical Matt

T012 Blanco
Technical Matt

T014 Gris Claro
Technical Matt

T013 Cashmere
Technical Matt

T016 Titán
Technical Matt

T017 Negro
Technical Matt

L007 Dune Beige
Technical Matt
NEW

L008 Cocoa
Technical Matt
NEW

T018 Verde Glencoe
Technical Matt

T011 Azul Ceylan
Technical Matt

T015 Sunset Terracota
Technical Matt

72Y Mármol Blanco
Technical Matt

1AT Mármol Hades
Technical Matt

Advantages

- Anti-bacterial*
- Improved scratch resistance
- Improved impact resistance
- Improved abrasion resistance
- Ease of machining and installation
- Heat resistant
- Suitable for food contact
- Easy to clean
- Horizontal application
- Anti-fingerprint
- Resistance to staining and disinfectant products
- EZ Low formaldehyde emissions

* Antibacterial product. The surface of our melamines inhibits the growth or proliferation of bacteria, meaning that it prevents their reproduction and the bacteria age and die. This effect lasts throughout the lifetime of the product. The product has been certified by an external laboratory, IMSL (Industrial Microbiological Services) in the UK, following the procedure indicated by the ISO 22196 Standard: 2011. (Certificate of Analysis No. *1023308.1E-1*). The test showed that 24 hours after contact, the bacterial population was reduced by >99.99%. This test is performed with two types of pathogenic bacteria: Escherichia coli (*E. coli*) and Staphylococcus aureus (*S. Aureus*).

Recommended use

- **Indoor furniture**
  Tables...
- **Wardrobes and walk-in wardrobes**
- **Internal and technical door**
- **Bathroom furniture**
  Countertops, fronts, ...
- **Kitchen furniture**
  Countertops, fronts, ...
- **Cladding**

Accessories

- ABS edgebanding
- HPL / Laminate

Certifications

Suitable for food contact
EN 1186 and EN 13130
Anti-bacterial
ISO 22196
Heavy-duty horizontal laminate
UNE 438-3 HDS
Anti-fingerprint and scratch resistant
438-2 Standard
Working drawings for kitchen furniture
UNE 56875V2
Desks
UNE 894-01

* Our EZ products are low formaldehyde emitting (*< 0.05 ppm according to EN 717-1*) and comply with US EPA TSCA Title VI and CARB Phase 2 formaldehyde emission requirements.

L007 Dune Beige Technical Matt

T018 Verde Glencoe Technical Matt / T013 Cashmere Technical Matt

Oficinas Markel en Torre de Cristal
Idoia Otegui

10.
Accessories

ABS edgebanding

Acrylonitrile butadiene styrene (ABS) is a thermoplastic widely used in the furniture industry for its strength, light weight and lower environmental impact. Matching colour and texture with the board is essential, so we offer the ideal decorative combination in colour, gloss and texture with our Finsa Design ranges and their complements. The result: an optically perfect connection between edge and panel.

HPL / Laminate

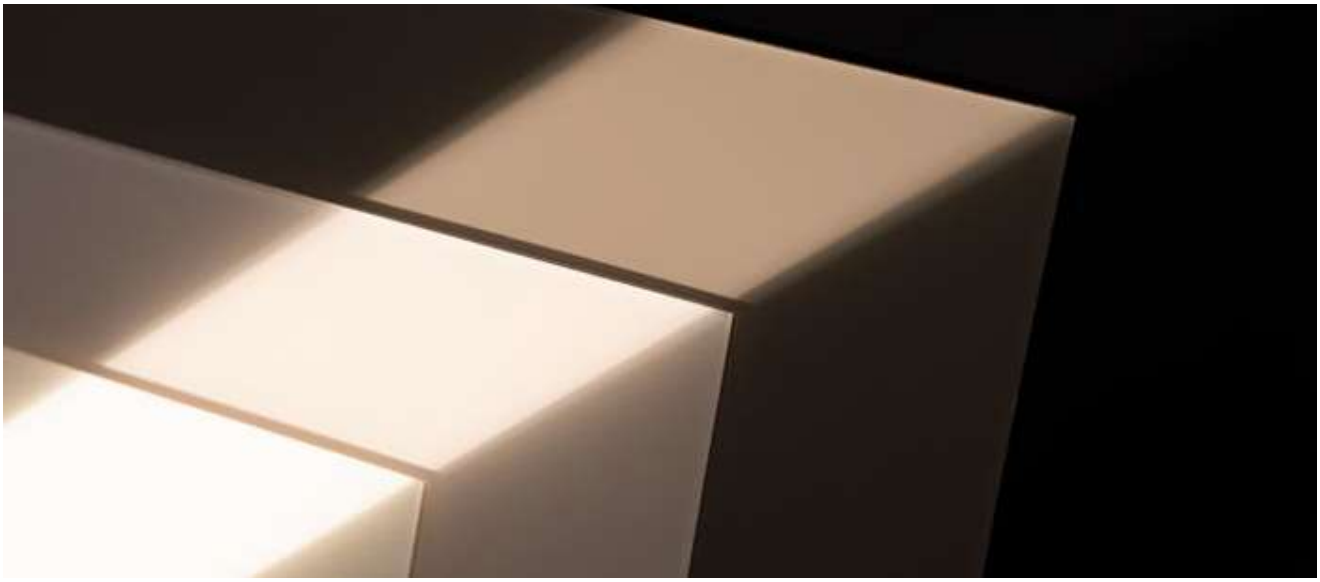
High Pressure Laminate is a practical and durable alternative for demanding applications and settings. Thanks to their high-strength surface properties, they are widely used in various fields. Its excellent physical-mechanical performance and surface strength make high pressure laminate (HPL) one of the most popular materials in interior design, as it is a perfect solution for both horizontal and vertical cladding and uses..

Screw cap kit

The screw caps are offered as an accessory to all designs in the Duo and Studio ranges. They consist of self-adhesive sheets, which are mainly used to cover unused drill holes or screw heads in any kind of furniture. It can also be used to disguise any accidentally caused surface damage. Supplied in paper blister packs containing 6 x 15x10 Sheets of Xtraflex 0.22mm Self-adhesive: 2 Uncut sheets, 2 Die-cut sheets 12mm and 2 Die-cut sheets 22mm.

Topglass acrylic edgebanding

The perfect combination of edgebanding to finish off the Topglass board



Topglass acrylic sheet

For any project's material requirements, Finsa, in addition to the Top Glass range of boards, also offers the acrylic sheet for individual use in the most demanding settings.

Solid Matt / Solid Glow Sheet

For any project's material requirements, Finsa, in addition to the Solid range of boards, also offers the polypropylene sheet of the same material, both in matt anti-fingerprint finish and in glossy finish in the full range of colours of this range.

Aluminium profiles

Black and bronze-coloured aluminium profile that allows the edges of the board to be finished.
T- and H-profiles are available.

Grip Sheet

As a complement to the Grip board, we also offer the non-slip Grip sheet material.

Linum / Suede / Pelle Sheet

For any project's material requirements, in addition to the Fabric range of boards, we also offer the flexible sheet of our materials:

- Linum, an authentic textile that offers versatility with genuine textile qualities.
- Suede, a textile material with a soft, velvety feel that conveys a sense of luxury and comfort.
- Pelle, an innovative leather covering with a high haptic appeal, made from materials from other related sectors, thus contributing to the circularity of the material.

This material can also be used for upholstery work in furniture decoration.

11. Technical recommendations

General recommendations

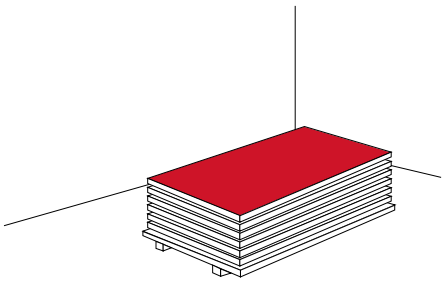
Storage

• It should be stored in closed, ventilated and dry premises, protected from sun, rain, frost and chemical splashes, in compact piles.

• The pallets shall be placed on a level and flat surface and the boards shall be kept packed in a similar condition to the original packaging in order to maintain their properties. When the packages are stacked, vertical alignment of the supports is recommended to avoid deformation.

• Try to avoid subjecting the sides of the board to differing humidity and temperature conditions.

• It is recommended to keep the original packaging or very similar and to avoid any humid environment in order to preserve its physical and mechanical properties in optimal conditions.



• Moisture fluctuations are more pronounced at the edges, so their protection by proper packaging, and even sealing under changing environmental conditions, is particularly important.

• It is advisable to pay special attention to dry and side impacts, and to handle the board with care to avoid damage.

• It is recommended to keep the top board preferably protected by a cover for proper storage and transport.

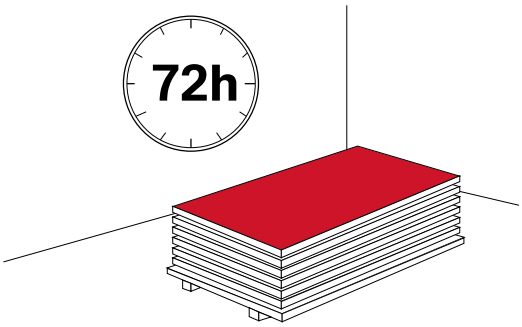
Acclimatisation

• Due to its hygroscopic properties, wood and any form of board derived from it will capture and release humidity from the surrounding environment which, depending on the temperature and humidity conditions of that environment, may cause dimensional variations.

• Pre-conditioning of the boards is recommended. Before processing, it is advisable to acclimatise it to the environment for at least 2 days before use.

• In the case of on-site installation *(cladding, etc*.), they must be stabilised at the installation site to achieve balance and minimise dimensional variations once installed.

• The cut parts must be properly stored and, in the case, must be stabilised prior to installation at the same place of installation.



Installation

• The method of installation and fastening is critical to ensure proper performance of the panels on-site.

• Due to their hygroscopic behaviour, the boards may admit and pick up moisture from the surrounding air or nearby elements, which is why it is very important to acclimatise them beforehand at the installation site and to leave expansion joints around the perimeter of the board once they are installed on-site (in the case of panelled products).

Handling and Machining

Handling

• The product must be handled with due care, avoiding intense friction between the faces that could cause damage to the decorative surface.

• It is recommended to use protective measures such as gloves when handling the parts.

Machining and cutting

• For the cutting and machining of the board, the usual tools are used for other wood-based panels, although parameter adjustments (*cutting speed, feed rate*) may be necessary for a good final finish. For a good result, it is important to ensure correct sharpening and maintenance of the cutting tools as well as the elimination of vibrations in the machine, and to follow other good practices recommended in carpentry work.

• It is recommended to machine the edge of the board avoiding straight edges, especially with decorative paper.

• If you wish to increase the useful life of the tools, the use of diamond-tipped cutting tools is recommended.

• The characteristics of the product allow it to be machined and used as an exposed edge.

• It is recommended that you consult your usual tool supplier for further information and advice.

Cleaning

• Prior to finishing, the surfaces must be free of dust or dirt and sanding marks.

• The melamine board can be cleaned with a damp cloth and a neutral cleaning agent in small doses. Abrasive elements and excessively acidic or basic solutions should be avoided. Prolonged exposure to wet surfaces and/or direct contact with water should be avoided.

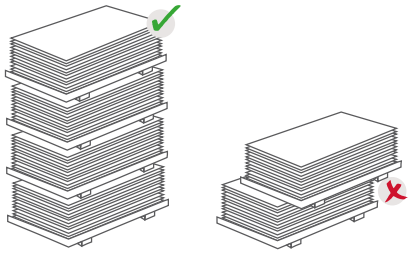
• The method of installation and fastening is critical to ensure proper performance of the panels on-site.

Specific recommendations

Technical Matt

Storage

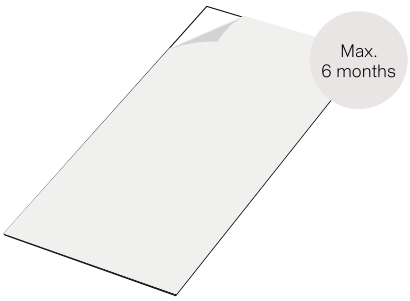
This product should be stored on a horizontal surface in a clean, dry place (at a recommended temperature and humidity of 20ºC / 65% R.H.), avoiding exposure to UV rays or other sources of heat or humidity.



To protect against surface dirt, it is necessary to use a board or other means of protection.

Horizontal storage of the boards is recommended. Do not stack more than 4 packs vertically; separate them with blocks aligned in the same vertical position between packs to distribute the weight and avoid deformation of the boards.

Protective film: The product is supplied by FINSA with a plastic film for temporary protection against dirt and small scratches. This film should be removed after installation. In any case, it must be disposed of within six months of FINSA supplying the product.



Cutting

In general, any type of tool can be used, either metal carbide (HW) or diamond, with the latter being the most recommended. In all cases, for optimal machining the tool must be perfectly sharpened.

The following tooling and handling recommendations are based on a series of tests in cooperation with LEUCO (www.leuco.com).

Shredding process

PROCESS

Rpm = 6000; feed rate = 30 m/min;

removing material

TOOL

Power Tec III Topline

ref. 183450/186451

Table sawing process

PROCESS

Feed rate = 20 m/min; v c = 80 m/s,

Vf = 5-8 m/min, protrusion = 25 mm

TOOL

DP HR nn-system DP-Flex saw blade

ref. 192444

Sectioning process

PROCESS

Rpm = 3600, feed rate Vf = 20 m/min;

Vc = 80 m/s, protrusion = 25 mm

TOOL

Q-Cut G6

ref. 192883

Machining

CNC Process

PROCESS

Rpm = see table 1; feed rate V_f= between 12 m/min up to 25 m/min.

No. 1 High-performance milling cutter

Reference	Z	Ø	Rpm	V_f	F_z
186120	3+3	25	18000	15	0.27

No. 2 p-System Drill with shank

Reference	Z	Ø	Rpm	V_f	F_z
184382	2+2	25	24000	10	0.20

No. 3 p-System Drill with shank

Reference	Z	Ø	Rpm	V_f	F_z
184084	4+4	60	18000	25	0.34

No. 4 High-performance milling cutter

Reference	Z	Ø	Rpm	V_f	F_z
186142	4+2+4	48	18000	25	0.34

Drilling process

PROCESS

Rpm = 4500, feed rate V_f= 1.5 m/min

TOOLS

High performance non-through drill in solid carbide (VHW)

ref. 185772/185771

High performance through drill in solid carbide (VHW)

ref. 185742/185741

Drill bit for hardware

ref. 172250/172254

Edge banding

Typical recommendations for use when edging surfaces with protective film.

The use of this type of non-stick coating:

- Does not promote shrinkage or expansion of the board's protective film
- Does not promote de-adhesion or peeling of the protective film.
- Inhibits the appearance of irregularities when cutting film-coated boards.
- Provides less residue or fewer traces on the treated edge.

Process of edge banding with protective film

PROCESS

Rpm = 9000; feed rate = 20 m/min; speed per tooth F_z =0.74 mm

TOOLS

Diarex airFace
ref. 186333

Smart Jointer airFace
ref. 185970

p-System
ref. 184071

Cleaning

These surfaces are non-porous and resistant in nature.

Therefore, they are easy to clean, do not require special care and make this surface a hygienic and durable material.

In EN 14323 (***Wood-based panels. Melamine-coated boards for interior use. Test methods.***), substances that cause alterations or staining of melamine are collected and some cleaning and disinfecting agents are also included.

The maintenance of such surfaces requires only regular cleaning. In general, all that is required is to remove the dust with a soft, damp cloth, sponge or cloth, preferably with lukewarm water. But in the case of more persistent stains, other methods can be used.

- It is recommended to clean up liquid spills as soon as possible, especially if they involve wine, coffee, etc., or any product that is potentially aggressive to the surface.

- If there are grease stains present or visibly dirty surfaces, non-abrasive household cleaning products such as liquid soap, detergents or glass cleaners can be applied to help restore their original appearance.

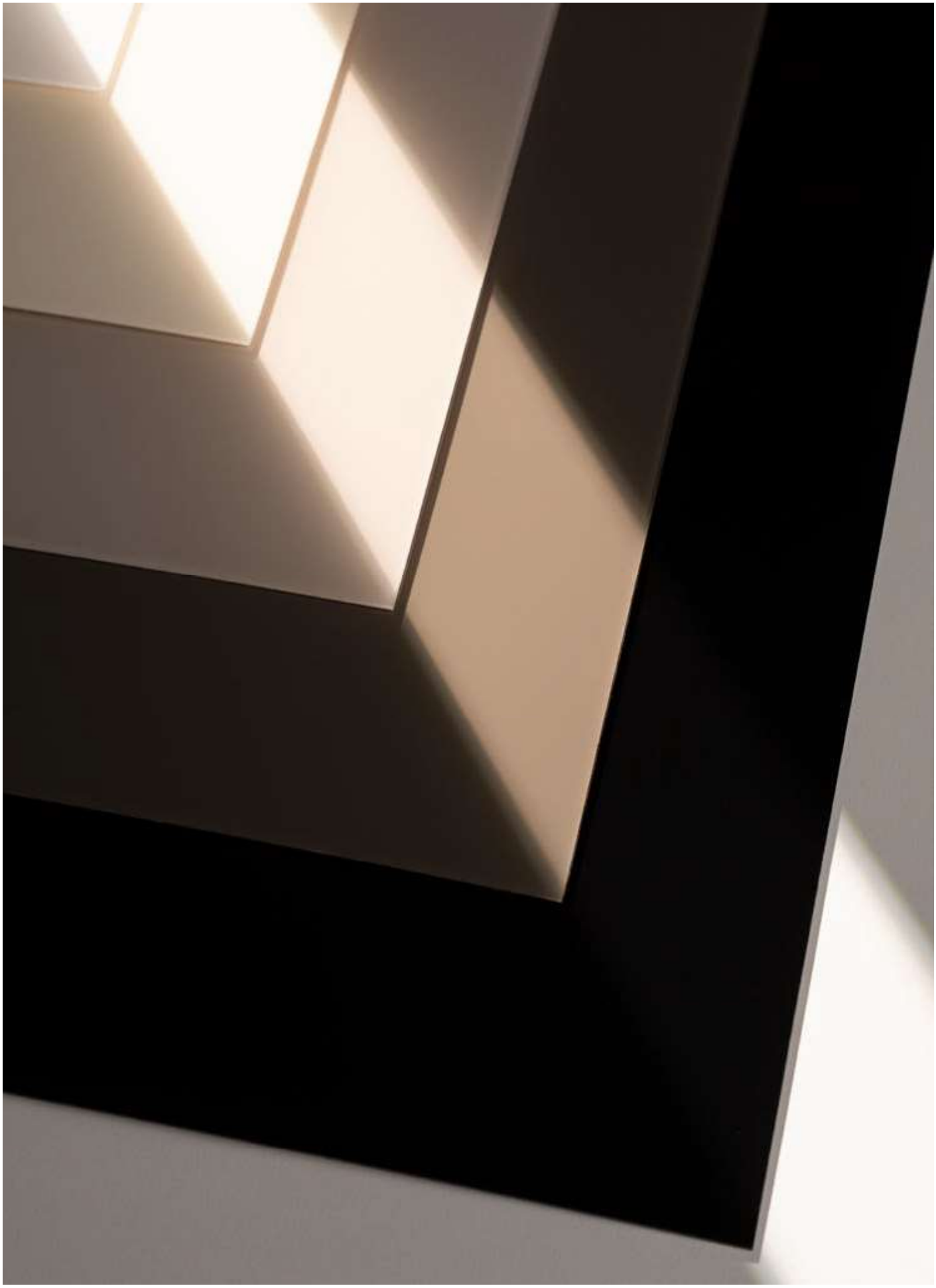
- In the case of stubborn stains such as inks, paints, varnishes, nail varnishes or water-soluble adhesives, the use of alcohol mixed with water or acetone is recommended.

To disinfect these surfaces, products such as bleach diluted in water according to the manufacturer's instructions (***active ingredient sodium hypochlorite***) , 70º alcohol ***(active ingredient Ethanol***) or disinfectant soap solutions as recommended by the manufacturer can be used. Rinse with clean water after use.

Under no circumstances should metallic scouring pads or sponges be used which could irreversibly damage the surface. Abrasive or highly acidic/alkaline cleaning agents must not be used.

Paint thinners are not recommended, nor are waxes or polishes, which will certainly alter the gloss and even the colour of these surfaces.

Finally, it is essential that after cleaning or disinfecting with wet solutions, they are dried thoroughly with a clean, dry cloth.



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