

**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.

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.

How does our Environment Generator work? Using the "**Comparison**" mode allows you to display two settings in

**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

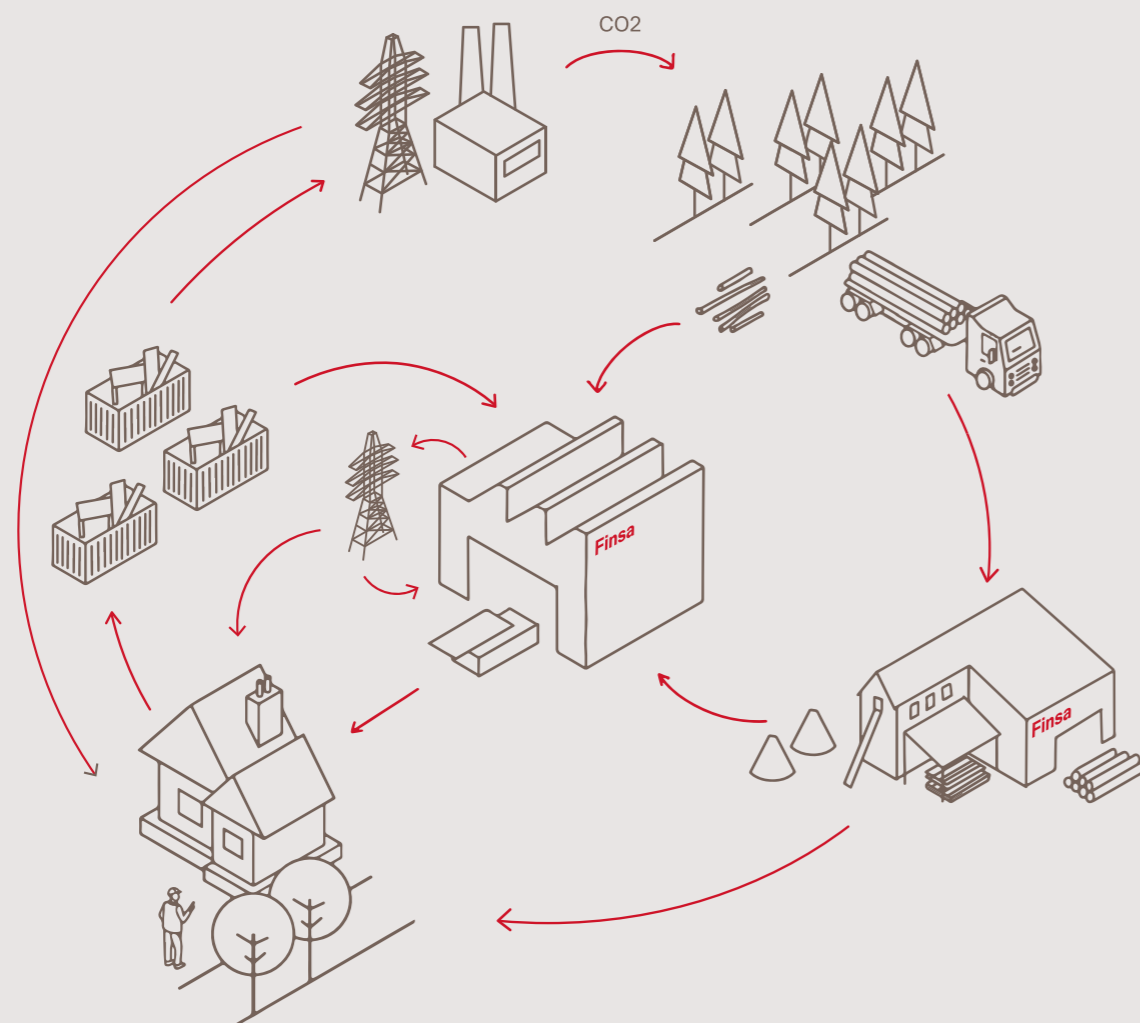
Finsa's Technical Consultancy team comprises professionals with extensive experience in architecture, interior design, and project development. Their job will be to accompany you during your projects to advise you on wood solutions. We can offer recommendations regarding partners who can support the 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.



## 2. Duo

Discover the possibilities of a practical and flexible range designed to adapt to any project. The multitude of combinations of substrates, designs and textures make the Duo the most varied and complete range on the market.












649B Serenade Alba Yoku

Duo is our most versatile range of decorative surfaces, the result of the perfect combination of design and texture. Now, this range has been renewed and expanded to offer you more possibilities than ever: with our packaging and panel service, we make it easy to find the right combinations for any project.

We have redesigned the preferential offer to make the same design available in multiple finishes, and the entire range is available in widths of 1220 mm and 2100 mm. In addition, we have reviewed and made our pallet sizes more user-friendly to better meet the logistical demands of our customers and adapt to different needs and markets.






In addition to this renovation, there are 25 new base board combinations, with different formats and thicknesses, a new exclusive finish, Yoku, and a major expansion of the decorative catalogue with 40 new designs and a total of 71 new decorative combinations.

### Advantages





-  Anti-bacterial\*
-  Ease of machining and installation
-  Vertical application
-  Easy to clean
-  Resistance to staining and disinfectant products
-  Improved fire resistance
-  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
-  Wardrobes and walk-in wardrobes
-  Internal and technical door
-  Bathroom furniture
-  Kitchen furniture
-  Cladding

### Accessories

-  ABS edgebanding
-  HPL / Laminate
-  Xtraflex
-  Screw cap kit

### Certifications



NEW New product
 NT New Texture
  Natur Rich
G Tariff group
  Width 1220 mm available

NEW New product
 NT New Texture
  Natur Rich
G Tariff group
  Width 1220 mm available

Textures

<b>Atlas</b>	<b>Boreal</b>	<b>Etna</b>	<b>Mesura</b>	<b>Yoku</b>	<b>Moon</b>	<b>Ari</b>	<b>Textil</b>
<b>Nude</b>	<b>Moa</b>	<b>Teide</b>	<b>Liso (Matt)</b>	<b>Soft III</b>	<b>Soft IV</b>	<b>Supermate</b>	<b>Balm</b>

Woods

<b>25V Roble Virginia</b> Mesura	<b>17G Pino Cervino</b> Etna	<b>453B Boeta Blanco</b> Yoku	<b>90Y Aura Pine</b> Moa	<b>3AT Bohemian Blanco</b>   Boreal	<b>91Y Roble Dafne</b> Atlas	<b>16N Fresno Glacial</b> Atlas
<b>666B Silky Wood</b> Boreal	<b>449B Olmo Grace</b> Etna	<b>18N Fresno Taiga</b> Etna	<b>273B Roble Verso</b> Atlas	<b>3AE Roble Oasis</b> Atlas	<b>688B Tivoli Ash</b> Yoku	<b>98P Olmo Bovary</b> Atlas
<b>04R Olmo Volga</b> Atlas	<b>51S Caledonian Oak</b> Atlas	<b>2AR Japandi Natural</b>   Boreal	<b>48W Haya Gala</b> Atlas	<b>8AE Hygge Pine</b> Etna	<b>50D Majestic Acacia</b> Mesura	<b>9AR Hickory Frida</b> Boreal
<b>611B Hickory Varo</b> Boreal	<b>272B Roble Poema</b> Atlas	<b>251B Lecer</b> Boreal	<b>008 Roble Bello</b> Mesura	<b>08R Olmo Toronto</b> Etna	<b>42B Roble Trigo</b> Etna	<b>714B Aurora Listelli</b> Etna
<b>98V Roble Aurora</b> Atlas	<b>694B Serenade Alba</b>   Yoku	<b>686B Carya Wood</b> Yoku	<b>212B Tasmanian Natural</b>   Boreal	<b>693B Serenade Garden</b>   Yoku	<b>80Y Roble Hércules</b> Atlas	<b>6AS Roble Amazona</b> Atlas


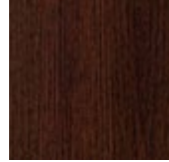
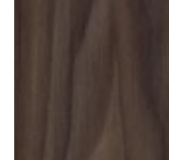

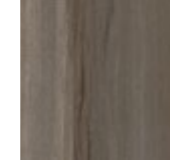

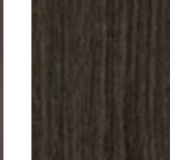

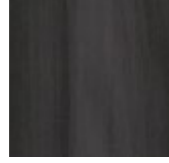
Woods

<b>685B Ibuku Natural</b> Yoku	<b>41G Roble Hera</b> Atlas	<b>692B Serenade Rose</b>   Yoku	<b>689B Borneo Wood</b> Etna	<b>49D Lissa Oak</b> Mesura	<b>691B Serenade Sunset</b>   Yoku	<b>98Z Roble Ostippo</b> Atlas
<b>07R Olmo Ontario</b> Etna	<b>79Y Old Oak</b> Atlas	<b>222 Maple Blanco</b> Balm	<b>45A Haya Bama</b> Soft III	<b>375 Haya Daimiel</b> Mesura	<b>898 Roble Ancares</b> Mesura	<b>604 Roble Entablado</b>   Mesura
<b>910 Roble Natural</b> Mesura	<b>74V Roble Stella</b> Atlas	<b>94Y Iron Oak</b> Atlas	<b>24V Mystic Plomo</b> Atlas	<b>17N Roble Joplin</b> Mesura	<b>97V Roble Colorado</b> Atlas	<b>19N Fresno Estepa</b> Etna
<b>03R Cambrian Oak</b> Atlas	<b>452B Roble Cooper</b> Mesura	<b>84V Roble Denver</b> Atlas	<b>274B Roble Romance</b>   Atlas	<b>73V Roble Tostado</b> Atlas	<b>95Q Roble Trufa</b> Mesura	<b>463B Lara Walnut</b> Boreal
<b>66F Delicate Birch</b> Balm	<b>455B Nogal Boheme</b> Etna	<b>20B Cerezo Xacobeo</b> Balm	<b>24D Acacia Suave</b> Mesura	<b>7AR Fresno Lagom</b> Mesura	<b>81V Nogal Siena</b> Balm	<b>454B Nogal Fausto</b> Etna
<b>684 Noce Panarea</b> Yoku	<b>399 Cerezo Luna</b> Mesura	<b>261B Nogal Bali</b> Mesura	<b>5AE Nogal Slow</b> Atlas	<b>4AR Olmo Sabi</b> Boreal	<b>33F Nogal Siroko</b> Atlas	<b>435 Cerezo Canela</b> Mesura
<b>633 Sapelly 2</b> Mesura	<b>03C Nogal Canaletto</b> Mesura	<b>37E Richmond Plum</b> Mesura	<b>1AS Nogal Valentina</b> Mesura	<b>25D Acacia Choco</b> Mesura	<b>60U Nogal Victoria</b> Atlas	<b>255B Tasmanian Moka</b>   Boreal

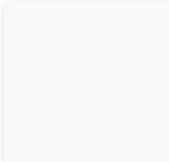
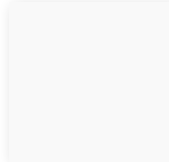
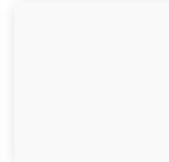
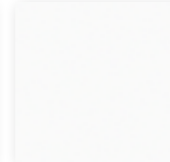
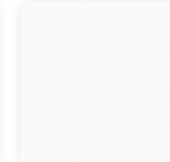
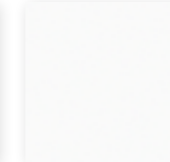
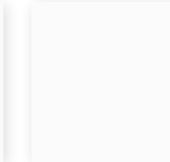
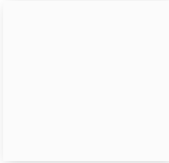
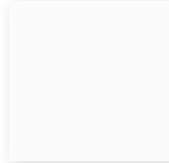
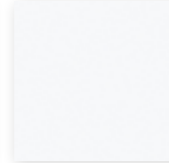
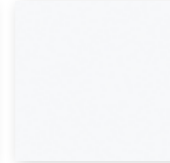
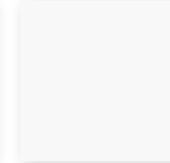
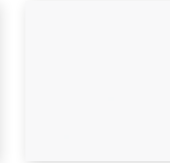
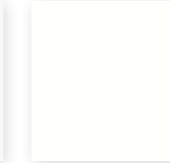
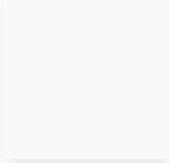
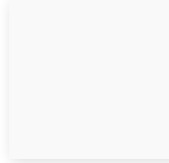
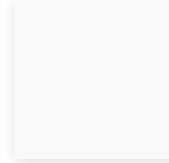
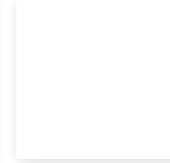
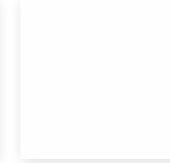

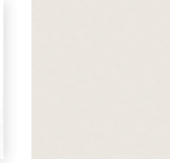
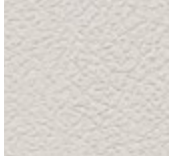
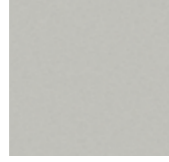
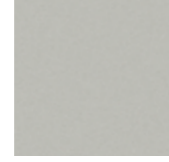




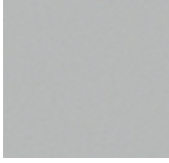





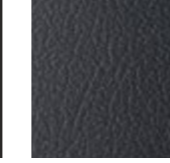
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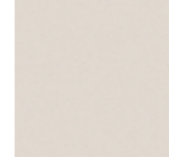
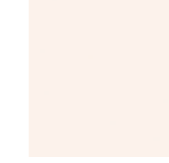
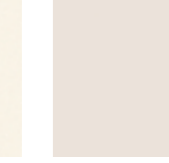
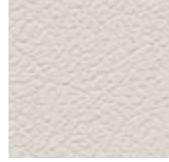




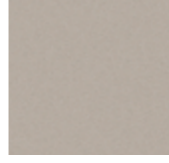



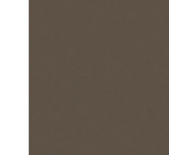







Woods

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 <b>75V Roble Azabache</b>   Atlas <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>9AU Roble Mina</b> Boreal <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>					

Unicolours

 <b>010 Blanco Standard</b>   Liso <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">STD</span>	 <b>010 Blanco Standard</b>   Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">STD</span>	 <b>010 Blanco Standard</b>   Soft IV <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">STD</span>	 <b>020 Blanco Medio</b> Liso <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BMD</span>	 <b>020 Blanco Medio</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BMD</span>	 <b>020 Blanco Medio</b> Soft IV <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BMD</span>	 <b>030 Blanco Super</b> Liso <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BSP</span>
 <b>030 Blanco Super</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BSP</span>	 <b>030 Blanco Super</b> Soft IV <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BSP</span>	 <b>040 Blanco Ártico</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>040 Blanco Ártico</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>060 Blanco Polar</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>060 Blanco Polar</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>76R Blanco Rueda</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">BSP</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>
 <b>78E White SR209</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>78E White SR209</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>78E White SR209</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>LBE Blanco Extra</b> LBE   Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>LBE Blanco Extra</b> LBE   Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>LBE Blanco Extra</b> LBE   Etna <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>195 Gris Sarela</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>
 <b>195 Gris Sarela</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>204 Gris I</b> Liso <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>204 Gris I</b> Soft IV <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>34W Gris Calcio</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>U12 Natural Grey</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>206 Gris 004</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>192 Gris Azulado</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>
 <b>197 Gris Rioja</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>09F Gris Tormenta</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>4AT Gris Vesubio</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>71A Gris Gu</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>	 <b>71A Gris Gu</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>	 <b>188 Petróleo</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>188 Petróleo</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>

Unicolours

 <b>231 Negro</b> Liso <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>	 <b>231 Negro</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>	 <b>231 Negro</b> Soft IV <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>	 <b>231 Negro</b> Etna <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G1</span>			
 <b>184 Crema Sil</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>592B Mohair Grey</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>592B Mohair Grey</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>183 Crema 005</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>252B Marfil Talco</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>65B Ivory Bama</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>36W Biscuit</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>
 <b>36W Biscuit</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>11C Sáhara</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>131 Arena</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>131 Arena</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>15R Gris Coco</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>15R Gris Coco</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>653B Merino</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>
 <b>653B Merino</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>653B Merino</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>653B Merino</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>60V Gris Suave</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>60V Gris Suave</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>194 Gris Porriño</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>20R Duna</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>
 <b>40Y Mineral Grey</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>01Q Gris Tórtora</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>656B Alpaca</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>656B Alpaca</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>656B Alpaca</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>656B Alpaca</b> Nude <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>1AU Verde Salvia</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>
 <b>663B Muted Green</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>663B Muted Green</b> Supermate <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>663B Muted Green</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>7AT Verde Oliva</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>662B Verde Wakame</b>   Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>79V Verde Oxford</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>664B Verde Utopía</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>
 <b>664B Verde Utopía</b> Balm <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span> <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <b>467B Verde Liquen</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>86W Verde Talco</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>3AU Verde Arcilla</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>7AD Verde Jungla</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G2</span>	 <b>465B Verde Plomo</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>	 <b>6AD Aqua Blue</b> Soft III <span style="border: 1px solid red; padding: 2px;">↔</span> <span style="border: 1px solid red; padding: 2px;">G3</span>

NEW New product
 NT New Texture
 Natur Rich
G Tariff group
 ↔ Width 1220 mm available

659B Glaciar Soft III ↔ G3 NEW	659B Glaciar Supermate ↔ G3 NEW	658B Azul Capri Soft III ↔ G3 NEW	259B Azul Piedra Soft III ↔ G3	77V Azul Talco Soft III ↔ G3	658B Azul Acero Soft III ↔ G3 NEW	651B Azul Acero Balm ↔ G3 NEW
652B Misty Blue Soft III ↔ G2 NEW	139 Azul Eo Soft III ↔ G3	55C Azul Handy Soft III ↔ G3	80V Azul Náutico Soft III ↔ G3	655B Mantequilla Soft III ↔ G3 NEW	655B Mantequilla Supermate ↔ G3 NEW	22G Amarillo Sol Soft III ↔ G3
654B Avena Soft III ↔ G2 NEW	0AU Amarillo Pompeya   Soft III ↔ G2	5AD Terracota Nova Soft III ↔ G3	28G Mandarina Soft III ↔ G2	172 Rojo Soft III ↔ G2	85W Malva Talco Soft III ↔ G3	60S Rosa Nube Soft III ↔ G3
9AT Rosa Talco Soft III ↔ G3	9AT Rosa Talco Supermate ↔ G3	254B Rojo Arcilla Soft III ↔ G3	254B Rojo Arcilla Supermate ↔ G3	657B Siena Soft III ↔ G3 NEW	657B Siena Balm ↔ G3 NEW	466B Rojo Tassili Soft III ↔ G3
466B Rojo Tassili Balm ↔ G3						

NEW New product
 NT New Texture
 Natur Rich
G Tariff group
 ↔ Width 1220 mm available

10R Blanco Chic Soft III ↔ G3	890 Aluminio Liso ↔ G1	890 Aluminio Soft III ↔ G1	890 Aluminio Soft IV ↔ G1	72E Aluminio Arosa Soft III ↔ G3	11R Visión Chic Soft III ↔ G3	53S Moka Chic Soft III ↔ G3
70A Perla Moon ↔ G3	266B Champán Metalizado   Moon ↔ G3	8AR Bronce Sálvora Moon ↔ G3	303 Gris Metalizado Moon ↔ G3	8AQ Aluminio Cava Moon ↔ G3	253B Titanio Tambo Moon ↔ G3	
72Y Mármol Blanco Teide ↔ G2	676B Mármol Kerala Balm ↔ G3 NEW	672B Creamy Travertino   Balm ↔ G3 NEW	583B Pietra Alba Moa ↔ G2 NEW	1AT Mármol Hades Teide ↔ G2	99Q Cemento Apolo Teide ↔ G2	06F Cemento Teide ↔ G2
9AS Creta Marfil Teide ↔ G2	682B Creta Bronce Teide ↔ G2 NEW	683B Creta Basalto Teide ↔ G2 NEW	674B Atacama Beige Teide ↔ G3 NEW	675B Atacama Terra Teide ↔ G3 NEW	675B Atacama Cemento   Teide ↔ G3 NEW	44V Luna Nueva Moa ↔ G2
271B Gravity Hueso Moa ↔ G3	269B Gravity Arena Moa ↔ G3	268B Gravity Niebla Moa ↔ G3	456B Papira White Moa ↔ G3	247B Canvas Crudo Ari ↔ G2	246B Canvas Greige Ari ↔ G2	248B Canvas Pardo Ari ↔ G2
73Y Selene Gris Nude ↔ G2	70F Tessuto Textil ↔ G1	79G Lino Esteiro Textil ↔ G1	12G Lino Cancún Textil ↔ G1	13G Lino Habana Textil ↔ G1	98Q Espiga Sal Textil ↔ G2	97Q Espiga Pimienta Textil ↔ G2
678B Tailor Sand Ari ↔ G2 NEW	677B Tailor Camel Ari ↔ G2 NEW	679B Tailor Stone Ari ↔ G2 NEW	681B Tailor Lava Ari ↔ G2 NEW			





718B Roble Costa Fado



Studio has been renewed with an updated collection that incorporates 25 new decorative references, reinforcing its aesthetic proposal with more 2-sided registered designs and an extension of decorative materials that provide realism and set trends.

The 45 new products in the range have a bold personality and are a tribute to wood and the crafts that have transformed it into a versatile and creative material.

Deep, synchronised finishes are combined with unique compositions and treatments such as surface patinas, metallic repairs, slatted and ribbed effects.

In addition, Studio offers the same operational combinations as the Duo range, with availability in a 2850 x 2100 format, also including the SuperPan® loose sheet service, making it an even more versatile and complete option for all types of applications.

### Advantages





-  Registered texture
-  Deep texture
-  Natur Rich
-  Anti-bacterial\*
-  Ease of machining
-  Vertical application
-  Easy to clean
-  Resistance to staining and disinfectant products
-  Improved fire resistance
-  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

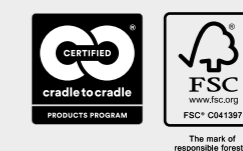
-  Indoor furniture
-  Wardrobes and walk-in wardrobes
-  Internal and technical door
-  Bathroom furniture
-  Kitchen furniture
-  Cladding

### Accessories

-  ABS edgebanding
-  HPL / Laminate
-  Xtraflex\*
-  Screw cap kit

\* Xtraflex Studio does not have registered or deep finishes. Calypso does not have a similar finish.

### Certifications



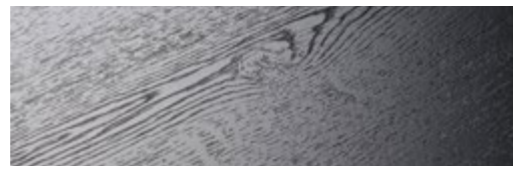
Registered textures

Deep textures

NEW New product
 NT New texture
  Natur Rich
 G Tariff group



Bolero



Fado



Calypso



Rock & Roll

Bolero



668B Saba Milky  
Bolero

G5 NEW



669B Saba Beige  
Bolero

G5 NEW



667B Saba Nature  
Bolero

G5 NEW



671B Saba Praliné  
Bolero

G5 NEW



475B Saona Trigo  
Bolero

G5



476B Saona Cognac  
Bolero

G5



477B Saona Oscuro  
Bolero

G5



474B Trinidad Silver  
Bolero

G5



612B Trinidad Dynasty  
Bolero

G5 NEW



478B Trinidad Antique  
Bolero

G5



479B Trinidad Dark  
Bolero

G5



78E White SR209  
Bolero

G4 NEW



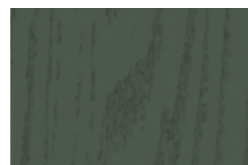
653B Merino  
Bolero

G4 NEW



09F Gris Tormenta  
Bolero

G4 NEW



664B Verde Utopía  
Bolero

G4 NEW



651B Azul Acero  
Bolero

G4 NEW

Fado

Calypso

Rock & Roll

NEW New product
 NT New texture
  Natur Rich
 G Tariff group



716B Roble Vela  
Fado

G5 NEW



717B Roble Cala  
Fado

G5 NEW



718B Roble Costa  
Fado

G5 NEW



719B Roble Faro  
Fado

G5 NEW



325B Roble Calima  
Fado

G5



326B Roble Estai  
Fado

G5



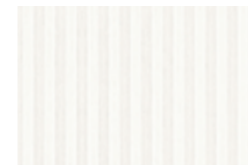
328B Roble Socaire  
Fado

G5



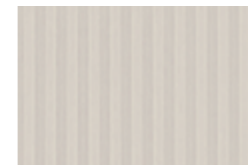
327B Roble Barlovento  
Fado

G5



LBE Blanco Extra LBE  
Calypso

G4 NEW



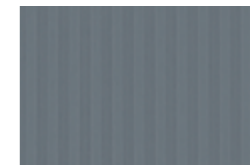
592B Mohair Grey  
Calypso

G4 NEW



663B Muted Green  
Calypso

G4 NEW



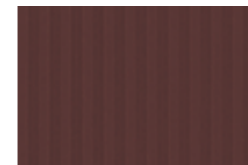
651B Azul Acero  
Calypso

G4 NEW



657B Siena  
Calypso

G4 NEW



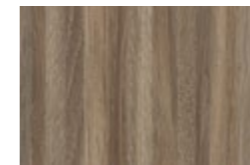
466B Rojo Tassili  
Calypso

G4



464B Aruba Natural  
Calypso

G4



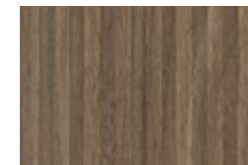
461B Aruba Tostado  
Calypso

G4



693B Serenade Garden  
Calypso

G4 NEW



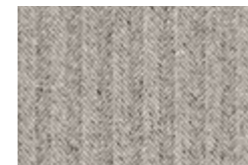
684B Noce Panarea  
Calypso

G4 NEW



98Q Espiga Sal  
Calypso

G4 NEW



97Q Espiga Pimienta  
Calypso

G4 NEW



677B Tailor Camel  
Calypso

G4 NEW



676B Mármol Kerala  
Calypso

G4 NEW



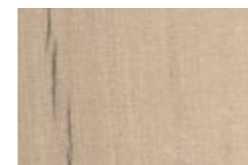
8AQ Aluminio Cava  
Calypso

G4



256B Quebec Claro  
Rock & Roll

G4



257B Quebec Natural  
Rock & Roll

G4



64U Roble Niágara  
Rock & Roll

G4



275B Montana Bruma  
Rock & Roll

G4



276B Montana Cognac  
Rock & Roll

G4



06Y Wild Wood  
Rock & Roll

G4

64U Roble Niágara Rock&Roll



464B Aruba Natural Calypso



Módulo Plus  
ROOM2030



651B Azul Acero Bolero

**NEW**

# 4. L100

Our most competitive range of gloss surfaces, with 100 Gloss finish. Available in four different whites, with the SuperPan® EZ base-board, which enhances its surface quality, improves gloss ageing and optimises machining processes.











The L100 range stands out for its smooth, glossy surface, designed to offer high resistance to wear and scratches, making it an ideal choice for applications that demand durability without compromising on aesthetics. In addition, its finish makes it very easy to clean, making it easy to maintain on a daily basis. All four references are available from stock, which guarantees fast delivery times and immediate availability.






Despite being a compact range, the L100 panels offer great versatility, as they can be easily combined with any Duo design within the flexible offer, thus expanding the creative and functional possibilities in any project.

### Advantages

-  Anti-bacterial\*
-  Ease of machining and installation
-  Vertical application
-  Easy to clean
-  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*).

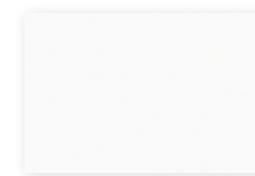
### Recommended use

-  **Indoor furniture**  
Product displays...
-  **Wardrobes and walk-in wardrobes**  
Wardrobe interiors
-  **Bathroom furniture**  
Fronts
-  **Kitchen furniture**  
Fronts, splashbacks...
-  **Cladding**  
Decorative panelling...

### Accessories

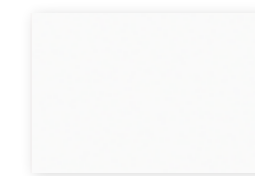
-  ABS edgebanding
-  HPL / Laminate
-  Xtraflex

L100



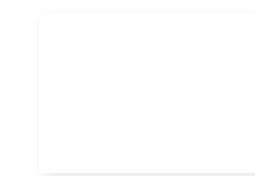
**020 Blanco Medio**  
L100

NEW



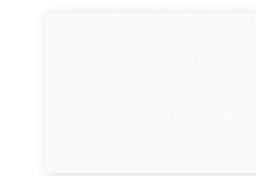
**030 Blanco Super**  
L100

NEW



**LBE Blanco Extra LBE**  
L100

NEW



**78E White SR209**  
L100

NEW

LBE Blanco Extra LBE L100

**NEW**

# 5. Solid

New range of gloss or matt anti-fingerprint surfaces, polypropylene based, suitable for vertical applications, characterised by their durability, wear resistance and pleasant feel.

It is available in different unicolours, all of them mass-coloured. Polypropylene is a less dense material than other foil solutions on the market, reducing the impact on the carbon footprint by requiring less energy to produce than other similar compounds.





L005 Verde Java Solid Matt

All available products are mass-coloured, which gives them excellent wear resistance and avoids problems when cutting and edging the material.

Its glossy/matt anti-fingerprint finish gives it a modern and competitive look for use in furniture fronts.

Both finishes are valid for vertical surfaces.

Solid is offered on our SuperPan® EZ substrate to enhance surface quality and provide better resistance to ageing, as well as to optimise machining processes.

Surface coated with PUR glues, resistant to very humid environments, with protective film on the surface.

The Solid Glow finish has a 90° gloss surface (measured at a 60° angle).

The Solid Matt finish has a warm, velvety surface and very low light reflectance.

### Advantages



Ease of machining and installation



Vertical application



Easy to clean



Anti-fingerprint



Low formaldehyde emissions

### Recommended use



**Indoor furniture**  
Product displays...



**Wardrobes and walk-in wardrobes**



**Internal and technical door**  
Faces



**Bathroom furniture**  
Fronts



**Kitchen furniture**  
Fronts, splashbacks...



**Cladding**  
Decorative panelling...

### Certifications

\* 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.

### Accessories

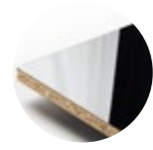


**ABS edgebanding**



**Laminates**

Textura

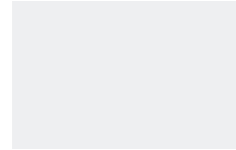


Solid Glow



Solid Matt

Solid Glow



L001 Blanco Cuarzo  
Solid Glow

NEW



L003 Gris Ópalo  
Solid Glow

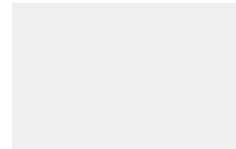
NEW



L004 Gris Lava  
Solid Glow

NEW

Solid Matt



L001 Blanco Cuarzo  
Solid Matt

NEW



L003 Gris Ópalo  
Solid Matt

NEW



L004 Gris Lava  
Solid Matt

NEW



L002 Negro Onix  
Solid Matt

NEW



L005 Verde Java  
Solid Matt

NEW





## 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.

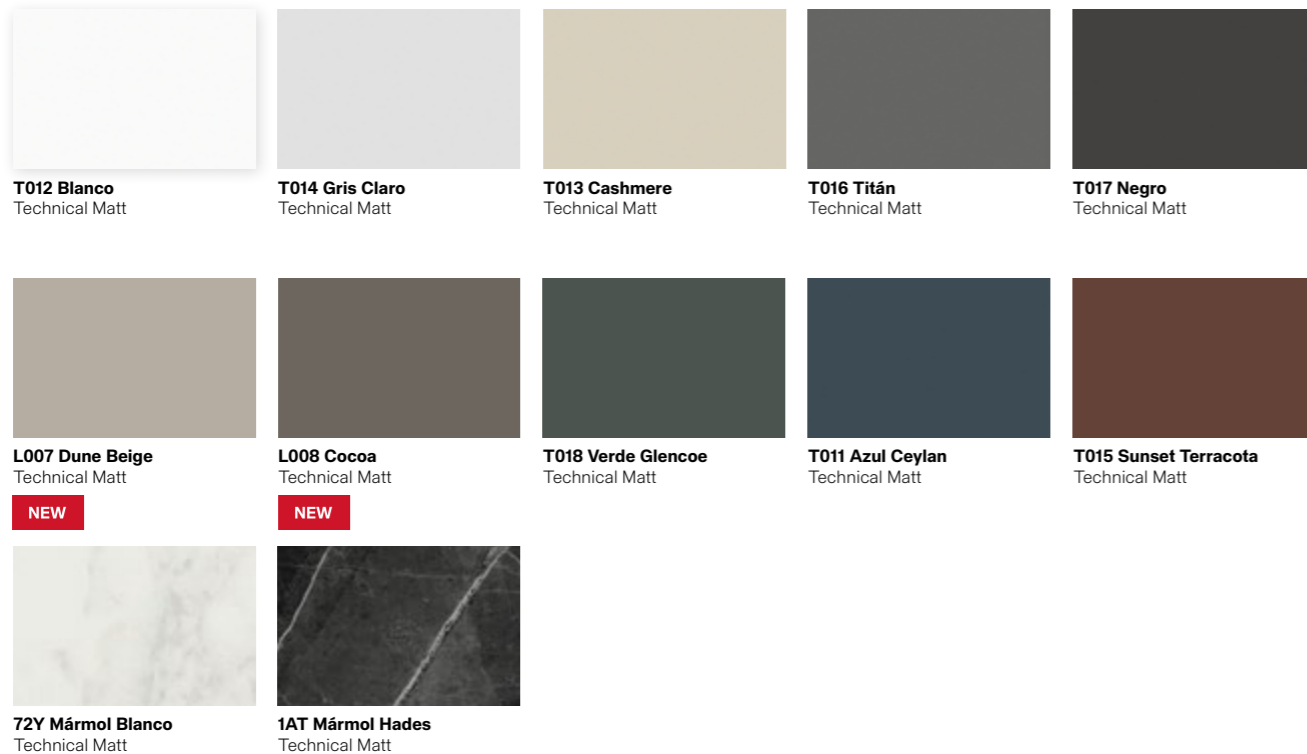
Thanks to the quality of SuperPan® Plus EZ, we achieved certification for horizontal use, ensuring optimal performance in applications such as countertops, tables and work surfaces. This solution not only provides a state-of-the-art technical matt finish, but also meets the highest standards of durability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

Technical



Technical Matt

Technical Matt





### 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

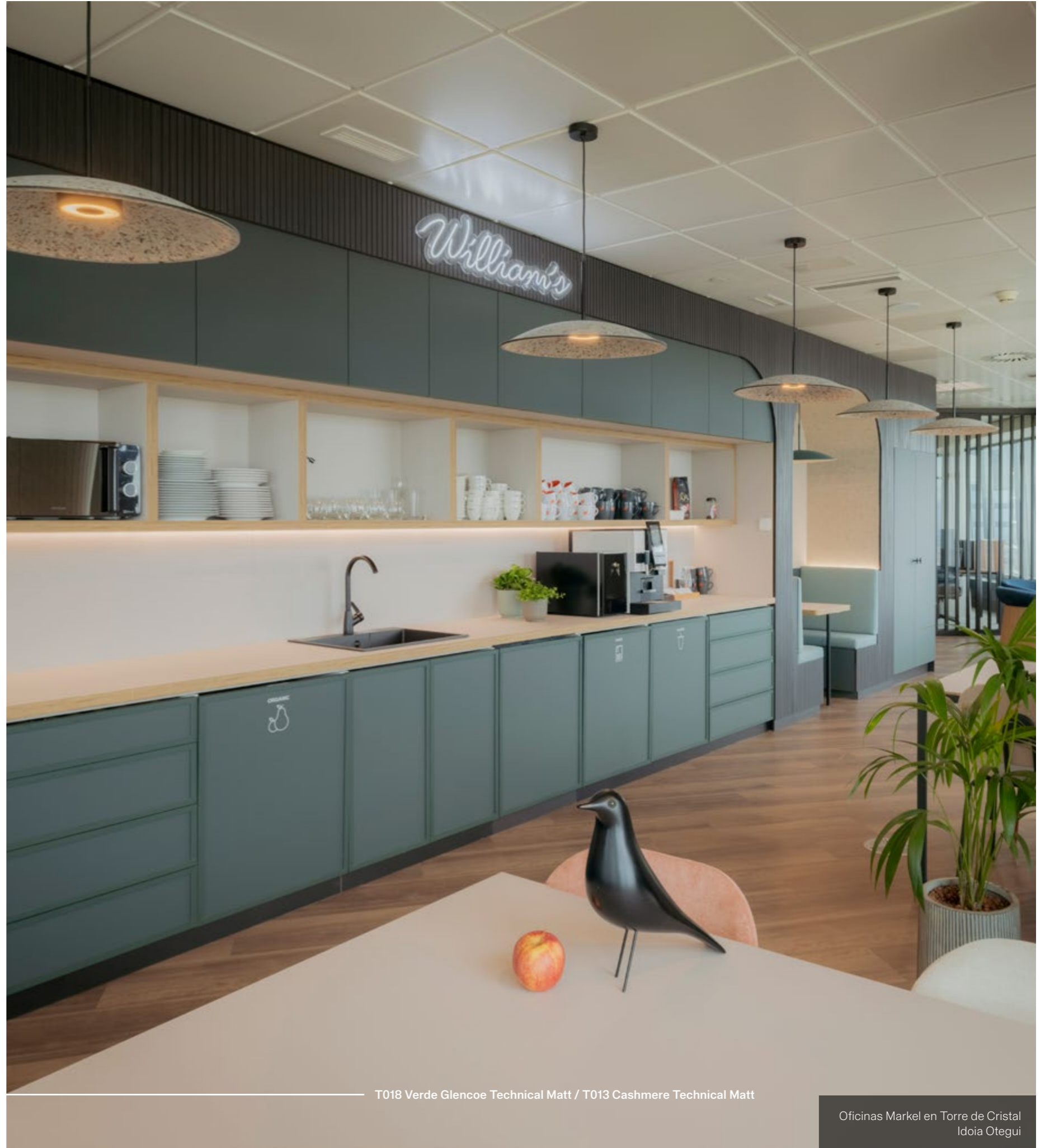
### Certifications

- 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

**NEW**

# 7. Topglass

A range of surfaces that simulate the optical effect of glass, although it is much lighter and more resistant to breakage. The gloss finish includes a set of light shades with a mirror effect.













L017 Beige Bermont Topglass

Our Topglass material offers the optical effect of glass, with a crisp, crystal-clear brilliance that remains flawless regardless of viewing distance. Unlike traditional glass, it is considerably lighter and has a high resistance to breakage, which makes it easier to handle and improves safety. In addition, it allows the use of the same working tools and fittings that are used with wood, which simplifies its integration into existing production processes. Its excellent lightfastness ensures that colours remain vivid and unchanged over time, ensuring a flawless and long-lasting appearance.



### Advantages

-  Ease of machining and installation
-  Vertical application
-  Easy to clean
-  Low formaldehyde emissions

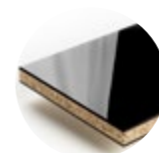
### Recommended use

-  **Indoor furniture**  
Product displays
-  **Wardrobes and walk-in wardrobes**  
Cabinet doors
-  **Bathroom furniture**  
Fronts
-  **Kitchen furniture**  
Fronts, splashbacks

### Accessories

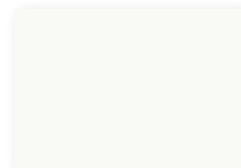
-  Acrylic edgebanding
-  Topglass Sheet

Texture



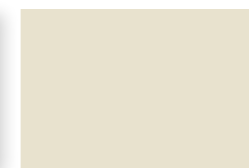
Topglass Glow

Topglass



L009 Blanco Alaska  
Topglass Glow

NEW



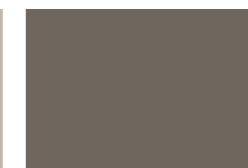
L010 Crema California  
Topglass Glow

NEW



L017 Beige Bermont  
Topglass Glow

NEW



L012 Gris Reno  
Topglass Glow

NEW



L011 Negro Memphis  
Topglass Glow

NEW



L009 Blanco Alaska Topglass



## 8. Grip

This high quality anti-slip material combines elegant aesthetics with a high protective power. Discover our decorative selection that takes inspiration from the latest trends. This selection consists of four unicolours carefully chosen to integrate harmoniously with the elements that make up the world of kitchen furniture.





G003 Anthracite Grip





With this product we reduce processes, merging both materials to produce drawer bottoms, integrating baseboard and mat in a single component, which optimises manufacturing and improves the quality of the final product.

### Advantages



-  Anti-bacterial \*
-  Ease of machining and installation
-  Anti-slip
-  Easy to clean
-  Horizontal application
-  Anti-fingerprint
-  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

-  Wardrobes and walk-in wardrobes Drawers
-  Kitchen furniture Drawers
-  Bathroom furniture Drawers
-  Partitions Partition walls

### Accessories

-  ABS edgebanding
-  GRIP Sheet

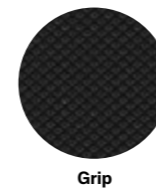
### Certifications

RoHS Declaration

REACH Declaration

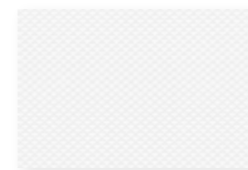
Our EZ products are low formaldehyde emitting ( $< 0.05 \text{ ppm}$  according to EN 717-1) and comply with US EPA TSCA Title VI and CARB Phase 2 formaldehyde emission requirements.

Texture

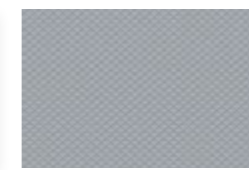


Grip

Grip



G001 Pure White Grip



G004 Grey Grip



G003 Anthracite Grip



G002 Moka Grip

NEW

# 9 . Fabric

Fabric is an innovative range of decorative surfaces composed of three types of materials: Suede, Linum and Pelle.

A selection of authentic textiles and recycled natural leather, selected for their distinctive sensory qualities. Suede is a textile material with a soft, velvety feel that conveys a sense of luxury and comfort. Linum offers versatility with genuine textile qualities. And Pelle is an innovative leather covering with a high optical appeal, made from materials from other related sectors, thus contributing to the circularity of the material.









Pelle is an innovative material that is visually very attractive and inviting to the touch, a surface refinement that more than fulfils the visual promise and a pleasant and valuable scent that completes the experience of the material.





In the manufacturing process, original materials from other sectors have been used, thus providing a component of sustainability and circularity in the final construction of the range.

It feels pleasantly warm to the touch and is of high quality. It also has a natural scent of leather, natural fats and waxes, as well as natural latex.

#### Advantages

-  Ease of machining and installation
-  Vertical application
-  Anti-fingerprint
-  Low formaldehyde emissions

#### Recommended use

-  **Indoor furniture**
-  **Wardrobes and walk-in wardrobes**  
Interiors, drawers, doors
-  **Bathroom furniture**  
Fronts
-  **Cladding**  
Decorative, acoustic, horizontal panels

#### Certifications



OEKO-TEX Standard 100 [*Suede and Linum*].

Certified according to OEKO-TEX leather standard [*Pelle*].

REACH Declaration

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

#### Accessories

-  Aluminium profile
-  Linum/Suede/Pelle Sheet

Finsa

Linum



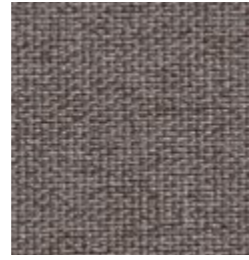
T004 Linum Tierra

NEW



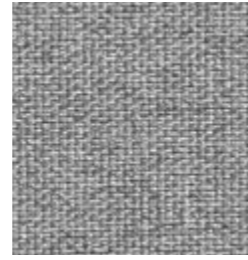
T003 Linum Sete

NEW



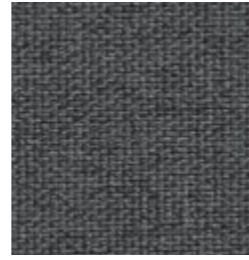
T005 Linum Marrón

NEW



T002 Linum Gris

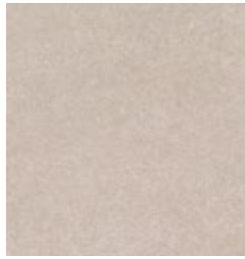
NEW



T001 Linum Marengo

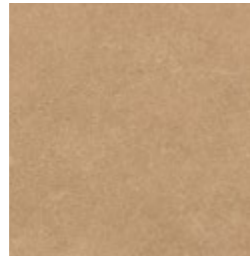
NEW

Suede



T009 Suede Crudo

NEW



T006 Suede Canela

NEW



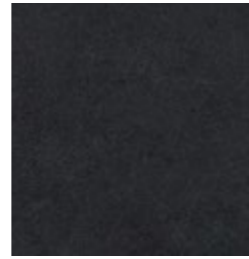
T010 Suede Tierra

NEW



T007 Suede Piedra

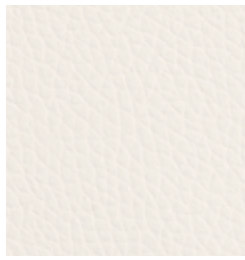
NEW



T008 Suede Negro

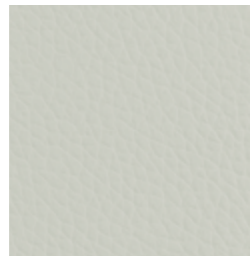
NEW

Pelle



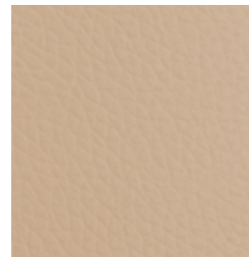
C006 Pelle Sarela

NEW



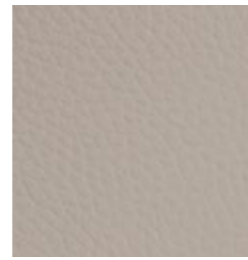
C007 Pelle Duna

NEW



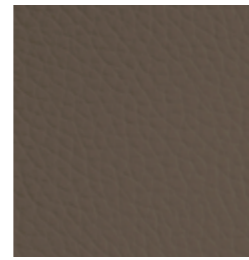
C001 Pelle Arena

NEW



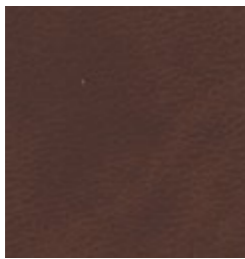
C002 Pelle Merino

NEW



C004 Pelle Alpaca

NEW



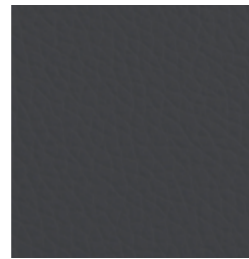
C003 Pelle Original

NEW



C008 Pelle Utopía

NEW



C005 Pelle Petróleo

NEW

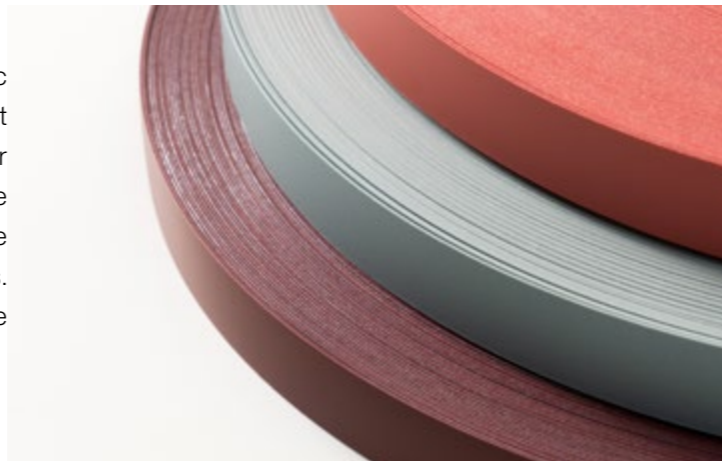




# 10. Accessories

## 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

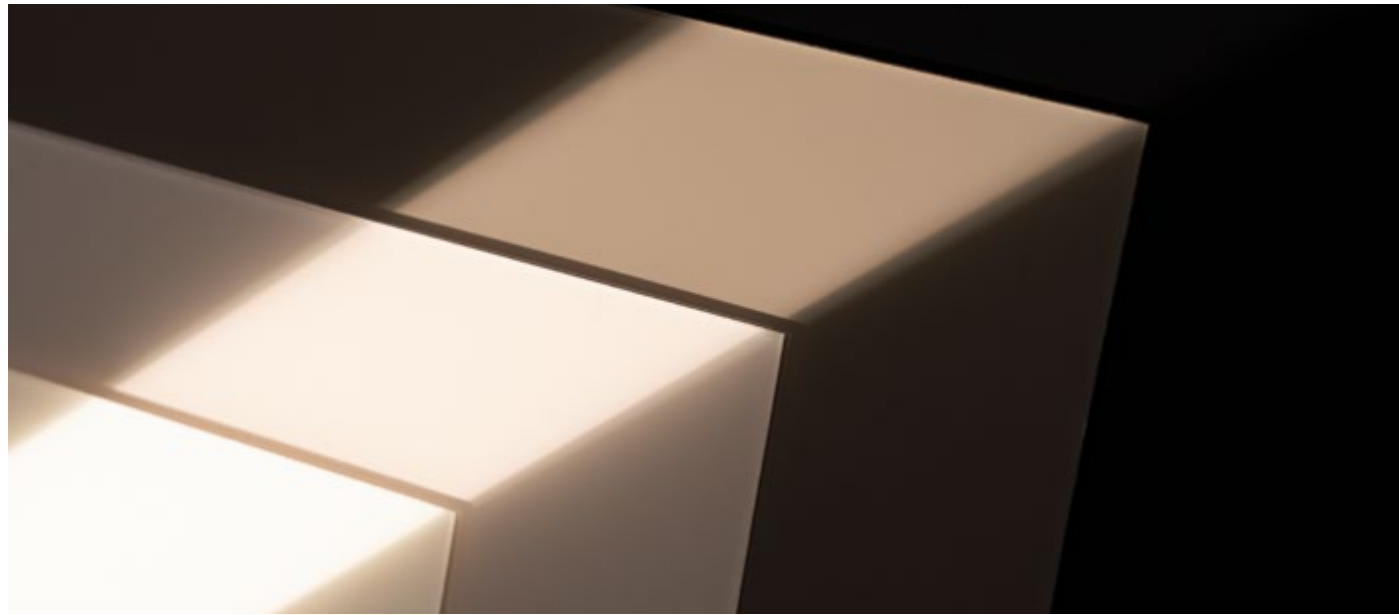
The screw caps are offered as an accessory to all designs in the Duo and Studio ranges. They consist of self-adhesive sheets, which are mainly used to cover unused drill holes or screw heads in any kind of furniture. It can also be used to disguise any accidentally caused surface damage. Supplied in 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 Topglass 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**

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.



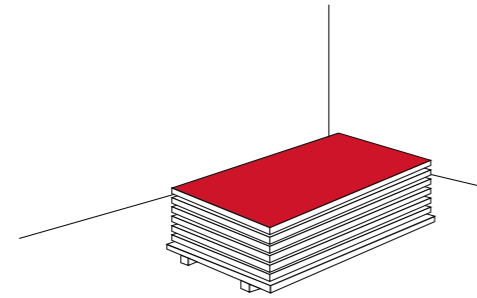
# 11.

# 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.

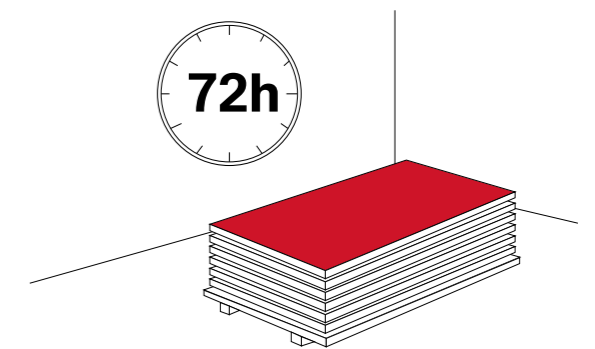


- Moisture fluctuations are more pronounced at the edges, so their protection by proper packaging, and even sealing under changing environmental conditions, is particularly important.
- It is advisable to pay special attention to dry and side impacts, and to handle the board with care to avoid damage.
- 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

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### 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.
- 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.

### 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.
- 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

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- 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

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## Solid

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### Storage

The material should always be kept under cover on a horizontal surface and in a clean, dry place (recommended temperature and humidity of 20°C/ 65% H.R.), avoiding exposure to UV rays and draughts. Once some of the material has been used, it is important to return the package to its original packaging conditions (plastic film, plugs, lids, etc.) to ensure the protection of the product.

### Cutting, edging and machining

The cutting, edging and machining process is carried out using conventional tools specifically designed for woodworking. To ensure a clean and precise finish, it is essential to use tools that are freshly sharpened, as this allows for sharper cuts and avoids possible wear or imperfections in the material.

It is important to maintain the protective film during machining work.

### Cleaning

It is recommended to use a cloth lightly dampened with mild soap and a soft texture to remove stains that may accumulate over time. Alternatively, warm water can also be used to facilitate cleaning without damaging the surfaces.

# Specific recommendations

## Technical Matt

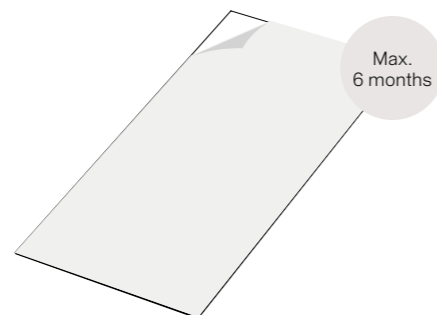
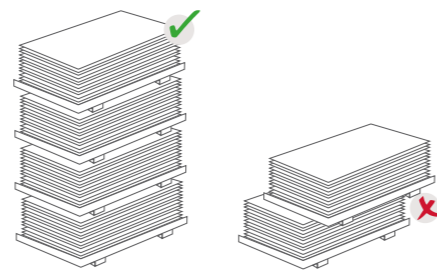
### Storage

This product should be stored on a horizontal surface in a clean, dry place (at a recommended temperature and humidity of 20°C / 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](http://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.

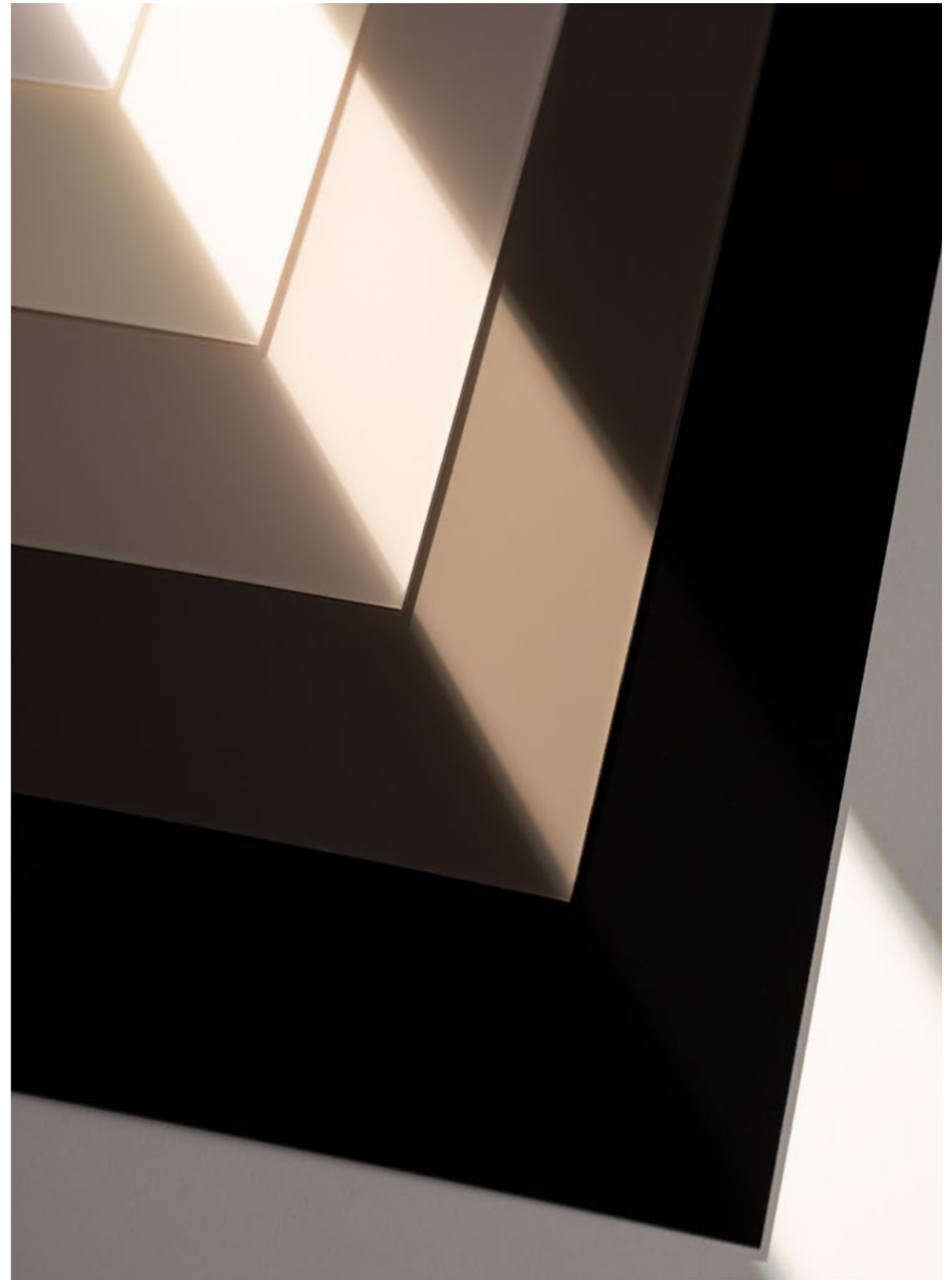
- It is recommended to clean up liquid spills as soon as possible, especially if they involve wine, coffee, etc., or any product that is potentially aggressive to the surface.
- If there are grease stains present or visibly dirty surfaces, non-abrasive household cleaning products such as liquid soap, 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*), 70° 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.



# Specific recommendations

## Topglass

### Cutting

TopGlass co-extruded sheets of clear PMMA and coloured PMMA, with a final thickness of 2 mm. This material combines the aesthetic advantages of glass fronts with the ease of processing this type of material.

The following processing information is based on a wide range of test series, with the best machining results in each case produced by LEUCO Ledermann GmbH & Co. KG.

### Definition of terms

DP = DIAHW = Carbide

HR = Hollow back

L-S = Slow, fast

L-S-L = Slow, fast, slow

$V_c$  = Cutting speed

$F_z$  = Feed per tooth

$V_f$  = Feed rate

S-S = (fast-fast)

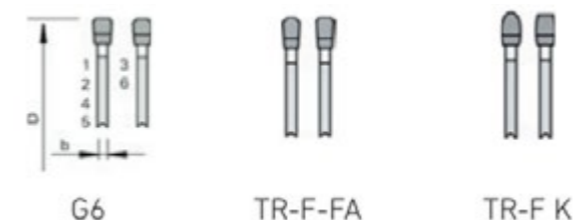
## Trimming / Cutting to size

### 1. Trimming of panels with circular saw blades

Several factors are responsible for good trimming results:

Decorative face up, correct projection of saw blades, feed rate, tooth configuration, tooth pitch, rpm and cutting speed. Depending on the volume to be cut, carbide-tipped (HW) or diamond-tipped (DP) circular saw blades are used.

Recommended tooth configurations:



### 2. Cut-to-size saw

For cut-to-size saws, HW circular saw blades with the TR-F K tooth form are particularly suitable; excellent cutting results can also be achieved with the solid surface HW circular saw blade with an effective cutting angle of 0°. The cutting speed should be 80 m/sec.

### 3. Cut-to-length panel saw

With the new circular blades for rip saws of the “Q-Cut” range (Q-Cut K), excellent cutting results are achieved on panel rip machines. Good results can also be achieved with the circular saw blades of the “Q-Cut G6” range. The recommended feed per tooth ( $F_z$ ) is between 0.06 and 0.07 mm.

The maximum feed per tooth is  $F_z = 0.096$  mm; this must not be exceeded. Furthermore, in this case the tooth engagement occurs on the decorative face of the panel. Good edgebanding on both sides can only be achieved with a suitable marker. Very good cutting results can be achieved with proper saw blade projection. This depends on the diameter.

Circular saw blade diameter

Saw blade projection

<b>D = 250 mm</b>	approx. 15 - 20 mm
<b>D = 300 mm</b>	approx. 15-25 mm
<b>D = 350 mm</b>	approx. 18-28 mm
<b>D = 400 mm</b>	approx. 25-30 mm
<b>D = 450 mm</b>	approx. 25-33 mm



The recommended cutting speed is 60 to 90 m/sec. In the case of circular saw blades with DP tips, the higher value must be selected. Try to achieve a feed per tooth of between 0.07 and 0.08 mm See our YouTube channel for more information on optimal saw blade projection.



Scan the QR code and watch the video on YouTube. Alternatively, visit [www.youtube.com/leucotooling](http://www.youtube.com/leucotooling)

#### 4. Through-feed machines: shredders

Industrial cut-to-length on through-feed machines is done with diamond-tipped tools. When cut to size with shredding tools, outstanding results are obtained in the double chopping process. For this purpose we recommend shredders with low cutting pressure, such as the LEUCO PowerTec shredder.

The number of teeth of the crusher must be adjusted to the corresponding machining feed rate. All crushers tested were used with the following application parameters: speed:  $n = 6000$  rpm, abrasion:  $a = 3$  mm, feed rate:  $V_f = 30$  m/s. PowerTec shredders have a cutting geometry that suits the TopGlass sheet. With other types of shredders small breakages are to be expected, however these can be rectified by additional joining work.



PowerTec airFace

#### Milling / Edgebanding processing.

In general, tools with DP blades should be used for joining work during the cutting process. For formatting with joint cutters, only tools with a cutting angle of between  $35^\circ$  and  $48^\circ$  are recommended. Although outstanding results can be achieved using joint cutters with a  $35^\circ$  cutting angle, better results and longer service life are obtained with joint cutters with a  $48^\circ$  cutting angle. Two-stage joining is recommended if a double joining unit is available. Here the feed per tooth ( $f_z$ ) must be at least 0.6 mm to avoid initial melting of the acrylic sheet.



SmartJointer airFace



DIAMAX airFace

#### Processing on stationary CNC machines

Tools without a cutting angle do not work. For long edgebanding life, cutting work should be carried out with diamond-tipped shank cutters with alternating cutting angles. Small series can also be produced with the VHW spiral finishing cutters. The recommended feed per tooth ( $F_z$ ) is in the range of 0.2–0.35 mm.

**Example:**

Number of cutting edges (Z)	Speed (rpms)	Feed rate $V_f$ (mm/min)
Z = 2	18 000/24 000	7 - 10 / 10 - 13
Z = 3	18 000/24 000	10-15 / 14-20
Z = 4	18 000	20 - 25

Grooving or milling of cavities can be carried out very efficiently with the VHM shank cutter with a negative spiral. The feed rate ( $F_z$ ) should be approximately 0.3 mm (e.g. 18 000 rpm and 8-10 m/min).

#### Drilling

Through and non-through holes can be drilled with the HW drill bits normally available. Results are better when using through-hole and VHW python drill bits due to their higher rigidity.

**Application data:**

Speed	Drilling	Forward
5 000 rpm	S-S (fast-fast)	1 m/min

In the event of problems with the edges of the drill holes on the acrylic glass side, the use of rear-guided drill bits can be helpful.

Hinge holes: when using cylinder drill bits, designs with special geometries to reduce cutting pressure are more advantageous in terms of quality and tool life.

**Application data:**

Speed	Drilling	Forward
6 000 rpm	S-S (fast-fast)	1.5 m/min

VHW drilling studs  $< \varnothing 5$  mm are also very suitable for producing small holes with a grid pattern.

**Application data:**

Speed	Drilling	Forward
7 000 rpm	S-S (fast-fast)	1 m/min

**Formulas:**

**1. Cutting speed –  $V_c$**

**Unit: m/s**

Required data: diameter = D [mm]; tool speed = n [1/min]

Calculation:  $V_c = (D \times \pi \times n) / (60 \times 1000)$

**2. Feed per tooth –  $F_z$**

**Unit: mm**

Required data: Feed rate = vf [m/min]; tool speed = n [1/min]; no. of teeth = z

Calculation:  $f_z = (V_f \times 1000) / (n \times z)$

**3. Feed rate –  $V_f$**

**Unit: m/min**

Required data: tooth feed rate = fz [mm]; tool speed = n [1/min]; no. of teeth = z

Calculations:  $V_f = (f_z \times n \times z) / 1000$

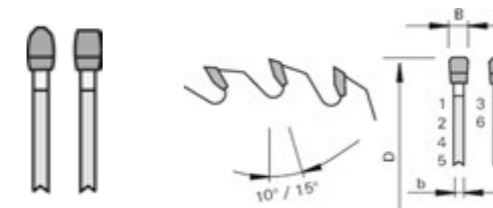
**Leuco tools for the treatment of Topglass panels**

**1. Circular blades for panel cutting saws**

<b>Dimensions</b>	Ø 450 x 4.0 x Ø 60	Ø 450 x 4.8 x Ø 60
<b>Description</b>	Q-Cut K	Q-Cut G6
<b>Z</b>	72	72
<b>Tooth shape</b>	TR-F K	G6+
<b>Cutting material</b>	Board HL 04+	Board HL 04+
<b>Projection</b>	approx. 25 mm	approx. 25 mm
<b>Identification number</b>	192978	192883

Other saws with different diameters, cutting widths, bores and numbers of teeth are available on request.

The number of teeth and feed speed depend on the cutting height and the application for single or stacked panel cuts.



**2. Circular blades for cut-to-length saws**

<b>Dimensions</b>	Ø 350 x 4,0 x Ø 30	Ø 303 x 3.2 x Ø 30
<b>Description</b>	Q-Cut K	Solid surface HW
<b>Z</b>	72	84
<b>Tooth shape</b>	TR-F K	TR-F-FA
<b>Cutting material</b>	Board HL 04+	Board HL 06
<b>Projection</b>	approx. 25 mm	approx. 25 mm
<b>Identification number</b>	192974	193133

Other saws with different diameters, cutting widths, bores and numbers of teeth are available on request.

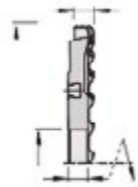
The number of teeth and feed speed depend on the cutting height and the application for single or stacked panel cuts.



### 3. Shredders

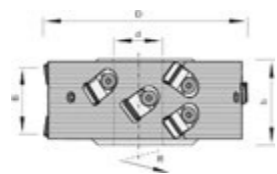
<b>Dimensions</b>	Ø 250 x 9.5 x Ø 60	Ø 250 x 9.5 x Ø 60
<b>Description</b>	PowerTec airFace	PowerTec airFace S
<b>Z</b>	20+10	20+10
<b>Cutting material</b>	DP	DP
<b>Identification number (L)</b>	186528	186527
<b>Identification number (R)</b>	186552	186551

Other PowerTec shredders with other dimensions are available on request.

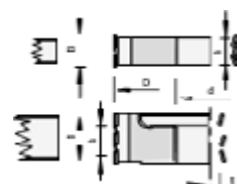


### 4. Joint cutters

Dimensions	Description	Machine	z	Cutting-)	Cutting material	Identification number (L)	Identification number (R)
Ø 125 x 42.8 x Ø 30	DIAREX airFace	HOMAG	3+3	48°	DP	186323	186323
Ø 100 x 42.8 x Ø 30	DIAREX airFace	SCM	3+3	48°	DP	186362	186363
Ø 85 x 43.2 x Ø 30	DIAREX airFace	OTT	3+3	35°	DP	186408	186409
Ø 125 x 43.2 x Ø 30	DIAREX airFace	HOMAG	3+3	35°	DP	186399	186399
Ø 100 x 43 x Ø 30	SmartJointer airFace	Brandt	3+3	35°	DP	186065	186066
Ø 125 x 63 x Ø 30	SmartJointer airFace	IMA	3+3	43°	DP	186055	186056



DIAREX/DIAMAX airFace

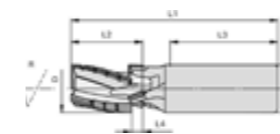


SmartJointer airFace

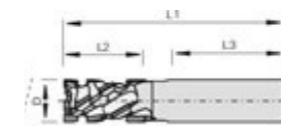
Other gasket cutters for other machine brands with different diameters, cutting widths, holes and numbers of cutting edges are available on request.

### 5. CNC handle cutters

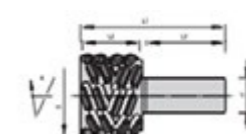
Dimensions	Description	z	Cutting material	L/R	Identification number (R)
Ø 12 x 22 x Ø 16	Cutter with negative type nesting shank	2+2	DP	R	186113
Ø 12 x 22 x Ø 16	Cutter with positive nesting shank	3+3	DP	R	185571
Ø 20 x 28 x Ø 25	Cutter with negative type nesting shank	3+3	DP	R	185518
Ø 20 x 28 x Ø 25	DIAREX High-Performance Cutter	2+2	DP	R	186151
Ø 25 x 28 x Ø 25	Negative type high-performance cutter	3+3	DP	R	186120
Ø 60 x 38 x Ø 25	Cutter with p-System handle	4+4	DP	R	184084
Ø 48 x 28 x Ø 25	High-performance cutter	4+2+4	DP	R	186142



Negative type DP high-performance cutter



High-performance cutting machine DP DIAREX



Cutter with p-System handle



High-performance DP cutter

Other shank cutters with different diameters (Ø) and cutting lengths (CL) are available on request.

Dimensions	Description	Cutting material	Identification number (L)	Identification number (R)
Ø 5 x L1=70 x Ø 10	Drill bit for through holes with back guide	HW	176255	176254
Ø 8 x L1=70 x Ø 10	Drill bit for through holes with back guide	HW	176257	176256
Ø 5 x L1=70 x Ø 10	Drill bit for Mosquito through-hole drills	VHW	183153	183152
Ø 8 x L1=70 x Ø 10	Drill bit for Mosquito through-hole drills	VHW	183157	183156
Ø 5 x L1=70 x Ø 10	Drill bit for Topline through-hole drills	VHW	185742	185741
Ø 8 x L1=70 x Ø 10	Drill bit for Topline through-hole drills	VHW	185744	185743

Dimensions	Description	Cutting material	Identification number (L)	Identification number (R)
Ø 5 x L1=70 x Ø 10	Mosquito Shank Drill Bits	VHW	182390	182391
Ø 8 x L1=70 x Ø 10	Mosquito Shank Drill Bits	VHW	183151	183150
Ø 5 x L1=70 x Ø 10	Topline Shank Drill Bits	VHW	185760	185759
Ø 8 x L1=70 x Ø 10	Topline Shank Drill Bits	VHW	185764	185763
Ø 5 x L1=70 x Ø 10	High-performance shank bits	VHW	185772	185771
Ø 8 x L1=70 x Ø 10	High-performance shank bits	VHW	185776	185775

Dimensions	Description	Cutting material	Identification number (L)	Identification number (R)
Ø 2.5 x L1=57.5 x Ø 10	Standard drill bolts	VHW	183061	183061
Ø 3 x L1=57.5 x Ø 10	Standard drill bolts	VHW	183062	183062

Dimensions	Description	Cutting material	Identification number (L)	Identification number (R)
Ø 15 x L1=70 x Ø 10	Drill bits for standard cylinders	HW	178978	172250
Ø 35 x L1=70 x Ø 10	Drill bits for standard cylinders	HW	178982	172254
Ø 15 x L1=70 x Ø 10	Drill bits for lightweight cylinders	HW	184685	184684
Ø 35 x L1=70 x Ø 10	Drill bits for lightweight cylinders	HW	184689	184688

Other drill bits with other dimensions, cutting lengths and shank dimensions are available on request.

## Bevelling

### The Challenge

Edge trimming AND additional treatment of the top coat as well as 45° bevelling of the acrylic edge band AND the acrylic top coat.

### The Objective

High gloss appearance without double manual polishing.

### The Solution

Profiling cutter with high teeth Z6. Special scraper with axial and sharpening angle.

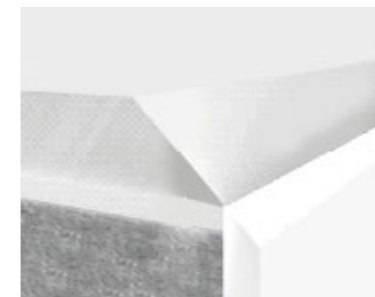


Profile cutting machine with Z6



Scraper with shear and flange angle

### The Result



High-gloss look (imitation of a glass front). 45° bevel processing

### Benefits / Information

45° bevelled

#### Economic efficiency:

No more manual re-polishing, you save time and therefore costs. Increases the safety of the process. Standard aggregates can be used. Long service life of the profile cutter blade and scraper.

#### Machine/handling:

For HOMAG machines with aggregate mf21 and mn21. Machine programme adapted to the application. Defined chip removal of the scraper = 0.08 mm for optimum cutting results. The described tools are only necessary for the treatment of the top layer (45° bevelling of the edge and top layer).

#### Design:

Proven LEUCO tool technology, DP profile cutter and HW scraper. Various customised profile combinations available; shear scraper with shear and hook angle for reduced shearing pressure and spot cutting for high-gloss optics.

### Cleaning

We recommend that you do not use abrasive cleaning agents or sharp tools to avoid compromising the shine and durability of the surface.

Avoid using cleaning materials containing alcohol (often found in window cleaners). Therefore, the surface should only be cleaned with a cloth soaked in a soap solution or cleaned with a polish.

Dust and dry dirt should be removed with a soft cleaning cloth.

Care should be taken with the removal of the adhesive film or sealing material.

To reduce static charge, an anti-static plastic cleaner is recommended. In this case, pre-cleaning with soap is recommended.

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# Specific recommendations

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## Grip

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### Cutting, edging and machining

Widia or diamond saws with or without scoring saw blades can be used for cutting.

If necessary, our ABS edgebanding can be used for edging.

In the edging process it is recommended to adjust the scraper for a better finish.

The protective film covering the surface must be kept in place until before the drawer is assembled.

### Cleaning

The interior can be vacuumed or cleaned with soapy water.

The use of solvents is restricted because the surface of the sheet may deteriorate.

# Specific recommendations

## Linum / Suede Fabric

### Cutting, edging and machining

To achieve a sharp edge when machining Linum and Suede coated boards, it is recommended to machine with the protective film and to use the following parameters:

Milling cutter, Diamaster Plus<sup>3</sup> EdgeExpert, 191074, Z3+3, D25, NL35

- $n$  [1/min] = 24,000
- $vf$  [m/min] = 5 / 10
- $ae$  [mm] = 2
- $ap$  [mm] = -2
- $fz$  [mm] = 0.07 / 0.14



No problems should occur at a feed speed of  $vf = 10$  m/min. However, if the machining quality is insufficient, it may be useful to reduce the feed rate to 5 m/min.

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](http://www.leuco.com) ).

### Table sawing process

#### PROCESS

Feed rate = 20 m/min;  $v_c = 80$  m/s,

$V_f$  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  $V_f = 20$  m/min;

$V_c = 80$  m/s, protrusion = 25 mm



#### TOOL

Q-Cut G6

ref. 192883

### Cleaning

We recommend vacuuming or brushing the upholstery with a soft brush to remove dust and other debris.

Stains should be removed immediately with a clean damp cloth and neutral soap. Gently rub the stain and dry with a hairdryer from the outside in.

It is advisable to do a pre-cleaning test in an inconspicuous area.

#### Types of stains:

Liquor, wine, coffee, etc...: Rub gently with a clean damp cloth. For liquor stains use diluted alcohol; for wine stains use diluted white vinegar; for coffee or tea stains use diluted ammonia.

Oil and grease: Rub with lukewarm water and neutral soap. If stains persist, use a dry stain remover; apply the product with a clean cloth, rubbing gently from the outside in.

Ink: Rub the stain with kitchen paper and then press with a cloth dampened with alcohol.

#### Caution:

Do not use bleach, waxes, stain removers, dish-washing products or any other solvents.

#### Washing instructions:

Hand wash with warm water and neutral soap. Drying can be done with a towel or a hair-dryer at medium-low temperature.

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# Specific recommendations

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## Pelle Fabric

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### Storage

Composite leather consists of natural leather fibres. It shows largely the same properties as natural leather hides, therefore it is recommended to store this product at room temperature and at a relative humidity of 50 to 65 %.

Overly dry storage conditions may cause shrinkage.

Excessively wet storage conditions can lead to an increase in all dimensions.

Under the inappropriate storage conditions mentioned above, the composite leather sheets will become uneven and wavy.

In very humid storage conditions or in case of water penetration into the material, mould may appear.

Storage at high temperatures can damage the material, as can very low temperatures. In addition, direct exposure of the composite leather to sunlight should be avoided, as this could affect its quality.

### Cutting, edging and machining

In order to achieve a sharp edge when machining Pelle coated boards, it is recommended to machine them with the protective film and to use the following parameters:

Milling cutter, Diamaster Plus<sup>3</sup> EdgeExpert, 191074, Z3+3, D25, NL35

- $n$  [1/min] = 24,000
- $vf$  [m/min] = 5 / 10
- $ae$  [mm] = 2
- $ap$  [mm] = -2
- $fz$  [mm] = 0.07 / 0.14



No problems should occur at a feed speed of  $vf = 10$  m/min. However, if the machining quality is insufficient, it may be useful to reduce the feed rate to 5 m/min.

### Cleaning

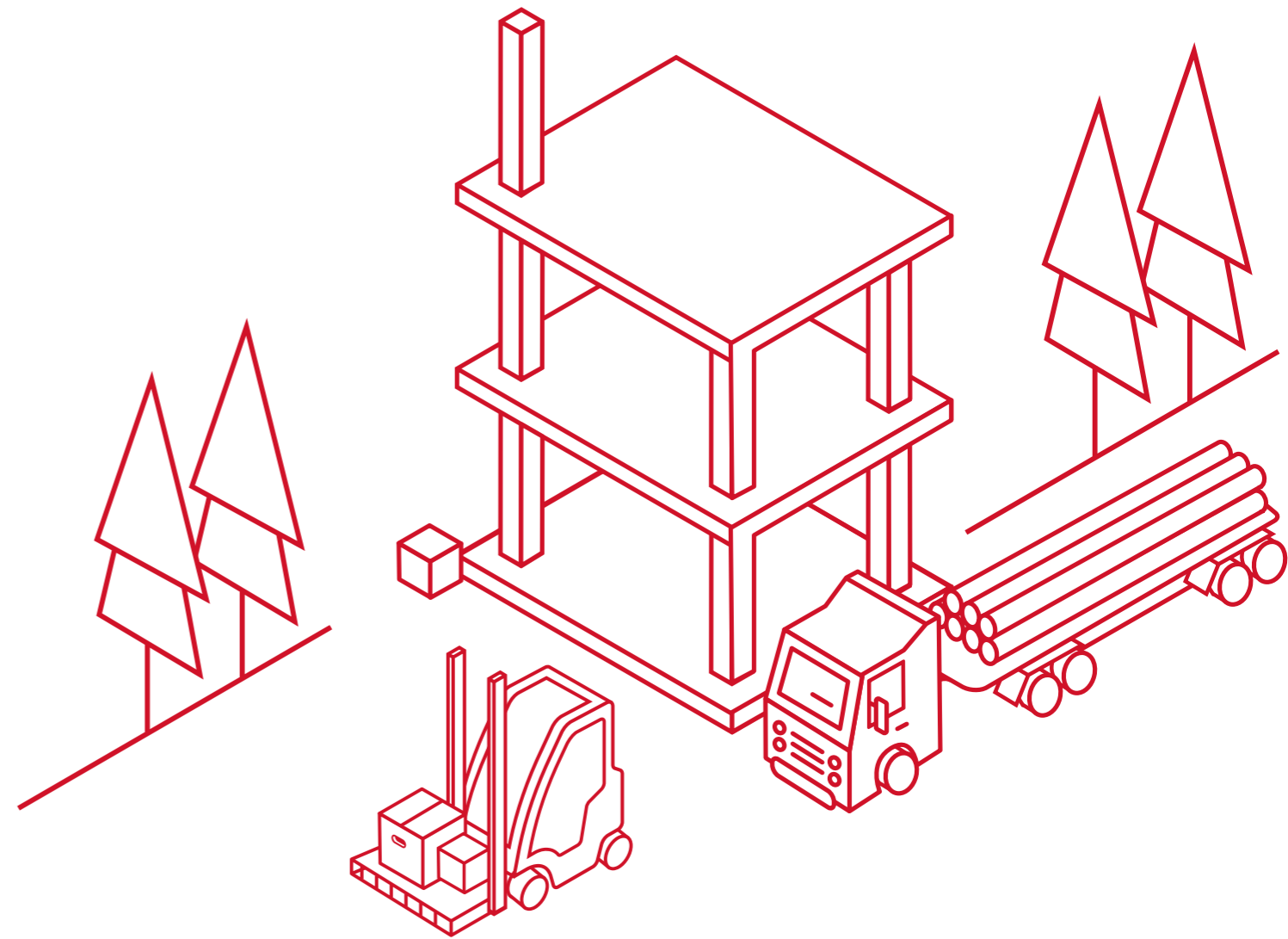
To clean the Pelle surface, we recommend using liquid dish-washing detergent (diluted according to the manufacturer's instructions) and a soft cloth.

To remove stubborn dirt, spray the surface with glass cleaner and wipe with a dry cloth.

Avoid stains caused by certain foods and liquids, such as mustard, coffee and red wine, as these can leave permanent stains, especially on light colours.



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