

**Finsa**




Decorative  
Panels

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  
Room Visualiser:**  
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** Room Visualiser.

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 Room Visualiser work? Using the "*Comparison*" mode allows you to display two settings in the same room configuration

**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

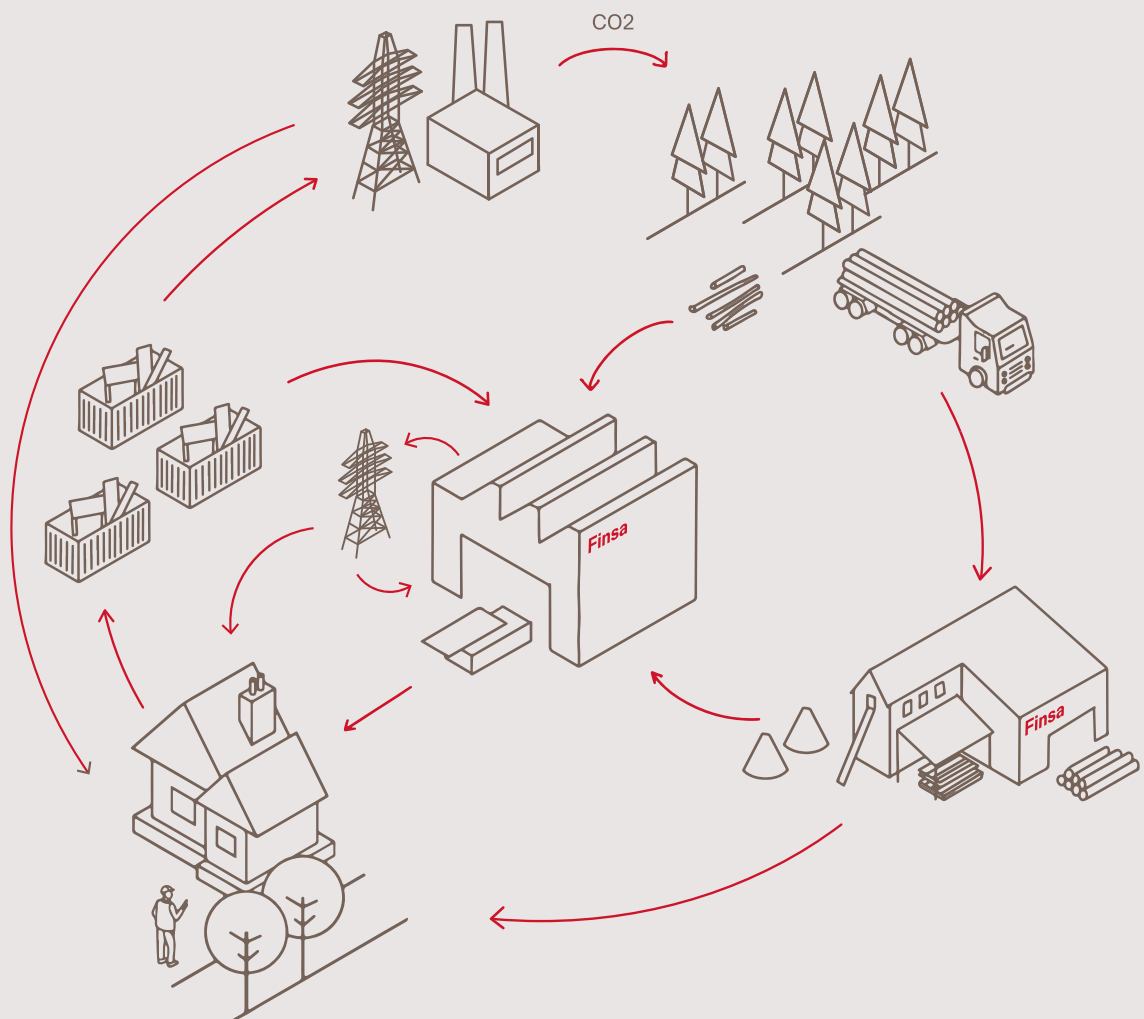
Finsa's Technical Consultancy team comprises professionals with extensive experience in architecture, interior design, and project development. Their job will be to accompany you during your projects to advise you on wood solutions. We can offer recommendations regarding partners who can support the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



Decorative boards in various colours and formats to make your ideas come true.

Discover all the possibilities for our FibraColour<sup>®</sup>, CompacDecor<sup>®</sup> and GreenPanel<sup>®</sup> ranges!



### **Creativity is within you**

Interior spaces are those most closely related to people; they are the places that welcome us, where life happens in all its richness and variety of purposes. That is why interior design always goes hand in hand with creativity: for its ability to nuance spaces, to make them comply with the uses and functions entrusted to them, to give them personality and identity.

Whether open-plan or complex interior spaces, bright or light-controlled, work or leisure, domestic or public, every space, every place, has an idea behind it: your idea. Creativity is the tool used on a daily basis and our Decorative Boards collection has the materials that will allow you to turn your ideas into reality.



# 2.

## FibraColour®

Finsa's FibraColour® range consists of decorative wood fibreboards coloured throughout. FibraColour® offers new possibilities in the field of decoration and interior design, allowing a wide variety of aesthetic effects and the application of innovative finishes, such as lacquers, waxes, varnishes, pantographs, digital printing or the application of surface textures.





## Characteristics

FibraColour® EZ is a product made of water-based pigments with a low concentration of formaldehyde. It therefore guarantees a perfect and safe coexistence with the environment and is an ideal alternative for use in enclosed spaces.

The product guarantees colour fastness, consistency and intensity, according to our strict quality controls. Its colouring is perfectly uniform over the whole board, with no uncoloured fibres on its surface, and is resistant to natural and artificial light, which gives the board a perfect homogeneity on both sides.

The quality of the board gives it a good mouldability, which provides a good result in shallow and deep machining.

FibraColour® EZ allows easy and fast repair of possible surface damage. A simple superficial sanding corrects scratches or knocks, returning the product to its original state, without any change in colour tone.

Being a product for creativity, at Finsa we make it easy for you by extending our FibraColour® Black EZ range of thicknesses: from thin ones for applications such as decorative facings of singular doors to thicker ones for counters or mouldings.

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## Advantages



Mass-coloured



Ease of machining  
(*cutting and drilling*) and installation



Low formaldehyde emissions

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## Applications

FibraColour® EZ is an ideal product for use in different applications:

- **Interior furnishings**  
Beds, shelves, tables,  
displays, counters...
- **Wardrobes and dressing rooms**  
Doors, interiors, drawers...
- **Decorative coatings**  
Decorative and acoustic panels,  
false ceilings...
- **Partitions**  
Partition walls
- **Wrapping and packaging**

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## Certifications



The mark of  
responsible forestry





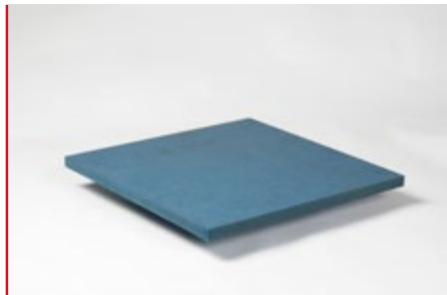
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**FibraColour® Black EZ**  
**FibraColour® Black H EZ**  
**FibraColour® Black IGN EZ**

**FibraColour® Black Hidrófugo EZ** is a coloured, moisture-resistant fibreboard, which stands out for its dimensional stability, low swelling and absorption and excellent machining quality, making it suitable for decorative machining.

**FibraColour® Black Ignífugo EZ** is a full-mass coloured wood fibreboard with improved fire performance certified class B-s2,d0 according to EN 13501-1. This board is of particular interest to industrial carpentries specialising in ceiling and wall cladding, as well as acoustic solutions, among others.



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**FibraColour® Gris EZ**



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**FibraColour® Azul EZ**



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**FibraColour® Amarillo EZ**



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**FibraColour® Rojo EZ**



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**FibraColour® Antracita EZ**



FibraColour® Azul

Casa Lucernario  
Aritz González (MapOut)



FibraColour® Negro

Sneakerbaas  
Stas Kokke



FibraColour® Gris / Negro / Amarillo / Azul

# 5. Technical recommendations

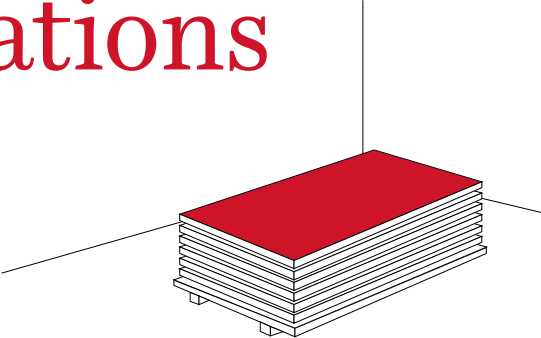
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## General recommendations

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### Storage

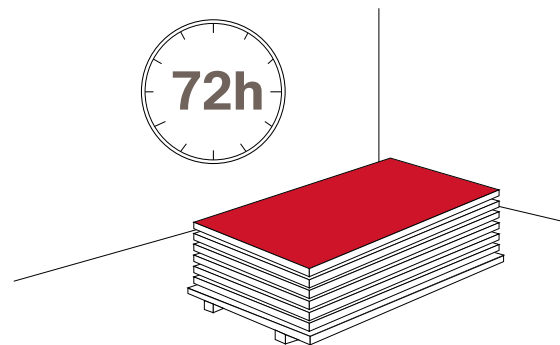
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- It should be stored in closed, ventilated and dry premises, protected from sun, rain, frost and chemical splashes, in compact piles.
  - The pallets shall be placed on a level and flat surface and the boards shall be kept packed in a similar condition to the original packaging in order to maintain their properties. When the packages are stacked, vertical alignment of the boards is recommended to avoid deformation.
  - Try to avoid subjecting the sides of the board to differing humidity and temperature conditions.
  - Storage is especially critical in the case of FibraColour® Ignífugo EZ, so it is very important to keep the original packaging, or very similar, and avoid any humid environment so as to preserve its physical and mechanical properties in optimum condition.
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- 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. Especially the Greenpanel, given its characteristics, can be damaged at the corners and edges, as well as on the inside, and the top board should preferably be protected by a cover for proper storage and transport.

## Acclimatisation

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- 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.



## 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.

### Machining and cutting

- For the cutting and machining of the board, the usual tools are used

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

good practices recommended in carpentry work.

- It is recommended to machine the edge of the board avoiding straight edges, especially with decorative paper.
- If you wish to increase the useful life of the tools, the use of diamond-tipped cutting tools is recommended.

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

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

## Installation

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- 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 take on 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).

## Cleaning

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- Prior to finishing, the surfaces must be free of dust or dirt and sanding marks. We recommend pre-sanding with a fine grit before the application of any surface treatment such as lacquer, varnish or oils.
- 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.

# Specific recommendations FibraColour®

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## Features

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The mass-coloured boards, due to their manufacturing process, may present variations in tone, not guaranteeing a homogeneity in the colour between boards. These differences can be observed on the same side, between sides of the same board and between different productions. To minimise this effect, keep the following recommendations in mind:

- It is best to use boards from the same production batch.
- Identify the face and back of the board by edge marking, to always work with the same orientation, no interleaving of faces and backs, e.g. In applications such as panelling.
- Before use, conduct a comparison between boards of the same or different thicknesses to check their shade.
- The colour must always comply with the range of colourimetry parameters specified in the technical data sheet.

## Edgebanding

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Edge sealing is recommended to guarantee the good performance of the board. In the case of transparent pigmented finishes, there may be a slight variation in tone between the surface of the board and the edges due to greater absorption in the latter; the edge sealing mitigates this effect.

## Finish

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FibraColour® board is supplied unfinished, to which the application of varnish, wax or oil is recommended to protect the surface.

When a surface treatment (varnish, oil, waxes, etc.) is to be applied, we recommend carrying out a preliminary test on a representative sample to check the compatibility of the coating with the board.

It should be taken into account that transparent finishes can change the initial tone of the board, making it darker. We recommend the use of a sealing product before applying the surface treatment.

Highly resistant natural pigments are used in their manufacture. However, direct exposure to sunlight should be avoided to prevent colour changes.



## FibraColour® Black Ignífugo EZ (1) (3) (4) (5)



B-s2, d0

Property	Test	10-12	>12-19	Thickness (mm)
Density*	EN 323	860/820	800/780	kg/m <sup>3</sup>
Internal traction	EN 319	0.6	0.55	N/mm <sup>2</sup>
Bending strength	EN 310	22	20	N/mm <sup>2</sup>
Elastic modulus	EN 310	2 500	2 200	N/mm <sup>2</sup>
Water swelling 24h	EN 317	15	12	%
Humidity	EN 322	7 ±3	7 ±3	%
Fire performance	EN 13501-1	B-s2, d0	B-s2, d0	Euroclasse
<b>Tolerance</b>				
Thickness	EN 324-1	±0.2	±0.2	mm
Length and width	EN 324-1	±2, max 5	±2, max 5	mm/m
Bracket	EN 324-2	±2	±2	mm/m

## FibraColour® Gris, Amarillo, Antracita, Azul and Rojo EZ (1) (3) (4)



Property	Test	10-12	>12-19	>12-19	Thickness (mm)
Density*	EN 323	740/730	695/650	650/640	kg/m <sup>3</sup>
Internal traction	EN 319	0.6	0.55	0.55	N/mm <sup>2</sup>
Bending strength	EN 310	22	20	18	N/mm <sup>2</sup>
Elastic modulus	EN 310	2 500	2 200	2100	N/mm <sup>2</sup>
Water swelling 24h	EN 317	15	12	10	%
Humidity	EN 322	7 ±3	7 ±3	7 ±3	%
<b>Tolerance</b>					
Thickness	EN 324-1	±0.2	±0.2	±0.3	mm
Length and width	EN 324-1	±2, max 5	±2, max 5	±2, max 5	mm/m
Bracket	EN 324-2	±2	±2	±2	mm/m

(\*) This data is considered indicative

- These physical-mechanical values meet/improve the values set out in European Standard EN 622-5:2009 Table 3: Requirements for boards used in a dry environment.
- These physical-mechanical values comply with the values laid down in the European standard EN 622-5:2009 Table 4: Requirements for boards for general use in wet environment.
- It is certified in accordance with CARB Formaldehyde Emission Stage 2 and US EPA TSCA Title VI, E05.

4. It is a product with reduced formaldehyde emission E05 and complies with the requirements of Class E1 as defined in the European Standard EN 622-1:2003.

5. It has an EC performance verification certificate issued by AENOR with number 099/CPR/A65/0031.

Due to the continuous development of the product and the standards by which it is governed, some parameters may change. For more information, or to download the complete technical data sheets, please consult the website [finsa.es](http://finsa.es).







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