

# FIBRACOLOUR

## Technical



**FINSA**

# Creativity is the tool, Fibracolour is the material.

4     Range Fibracolour

8     Range Fibracolour TEX

12   Fibracolour + Gama Duo

14   Fibracolour + Studio Natur

16   Greenpanel

18   Twincolour

20   Projects

23   Technical information

# Creativity is within

The interior spaces are those most intimately related to people; these are the places that welcome us, where life happens with all its richness and variety of uses. That is why interior design always goes hand in hand with creativity: for its capacity to qualify spaces, to make them comply with the uses and functions entrusted to them, to grant them personality and identity.

# you

Whether they are diaphanous or complex interior spaces, bright or with a controlled light, for work or leisure, domestic or public, each space, each place, has an idea behind: your idea. Creativity is the tool you use every day and Fibracolour is the material that allows you to make your ideas come true.





# FINSA's Fibracolour Range is composed of decorative boards made of wood fibers (MDF) colored throughout. This proposal includes the Black and Gray Fibracolour, and the latest releases in Yellow, Blue, Red and Anthracite

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 application of textures on the surface.

Fibracolour can also be coated with natural veneer or melamine, creating an attractive contrast between the surface and the edges of the product. Our Fibracolour boards are of EZ quality. This property gives the board a very low formaldehyde content.

→

1. Fibracolour Gris EZ
2. Fibracolour Antracita EZ
3. Fibracolour Rojo EZ
4. Fibracolour Amarillo EZ
5. Fibracolour Azul EZ
6. Fibracolour Negro EZ





Features

Fibracolour is a product made with water-based non-toxic pigments and with a low concentration of formaldehyde. Therefore, it guarantees a perfect and safe coexistence with the environment and is presented as an ideal alternative for use in closed spaces.

The product guarantees solidity, consistency and intensity of the colors according to our strict quality controls. Therefore, its color is perfectly uniform throughout the board dimension, and is resistant to natural and artificial light.

Fibracolour allows easy and quick repair of possible surface damage. A simple superficial sanding corrects scratches or blows returning the product to its original state, without observing changes of tonality.

Applications

Fibracolour is an ideal product to be used in different applications:

Ephemeral architecture

Stands and stands expository

Interior design

Panels, screens and decorative coverings

Furniture

Household furniture, auxiliary, Office and child

Commercial premises

Counters and exhibitors

Technical solutions

Manufacturing acoustic elements and moldings, bas-relief effects, product design

Design

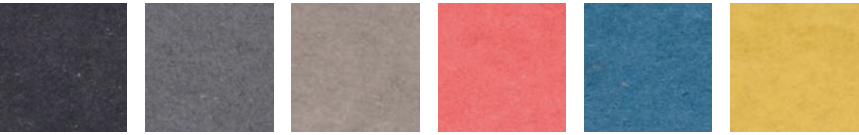
Excellent behavior as support for impressions with digital technology

Range

Product	Size (mm)	Thickness (mm)
FIBRACOLOUR NEGRO EZ	2850 × 2100	10, 16, 19, 25, 30
FIBRACOLOUR NEGRO IGN	2850 × 2100	19
FIBRACOLOUR AMARILLO EZ	2850 × 2100	10, 19, 25
FIBRACOLOUR GRIS EZ	2850 × 2100	10, 19, 25
FIBRACOLOUR ROJO EZ	2850 × 2100	10, 19, 25
FIBRACOLOUR AZUL EZ	2850 × 2100	10, 19, 25
FIBRACOLOUR ANTRACITA EZ	2850 × 2100	10, 19, 25

Available from a single board  
Consult our commercial network for more information

Finishes



1.
2.
3.
4.
5.
6.

1. Fibracolour Negro EZ
2. Fibracolour Antracita EZ
3. Fibracolour Gris EZ
4. Fibracolour Rojo EZ
5. Fibracolour Azul EZ
6. Fibracolour Amarillo EZ

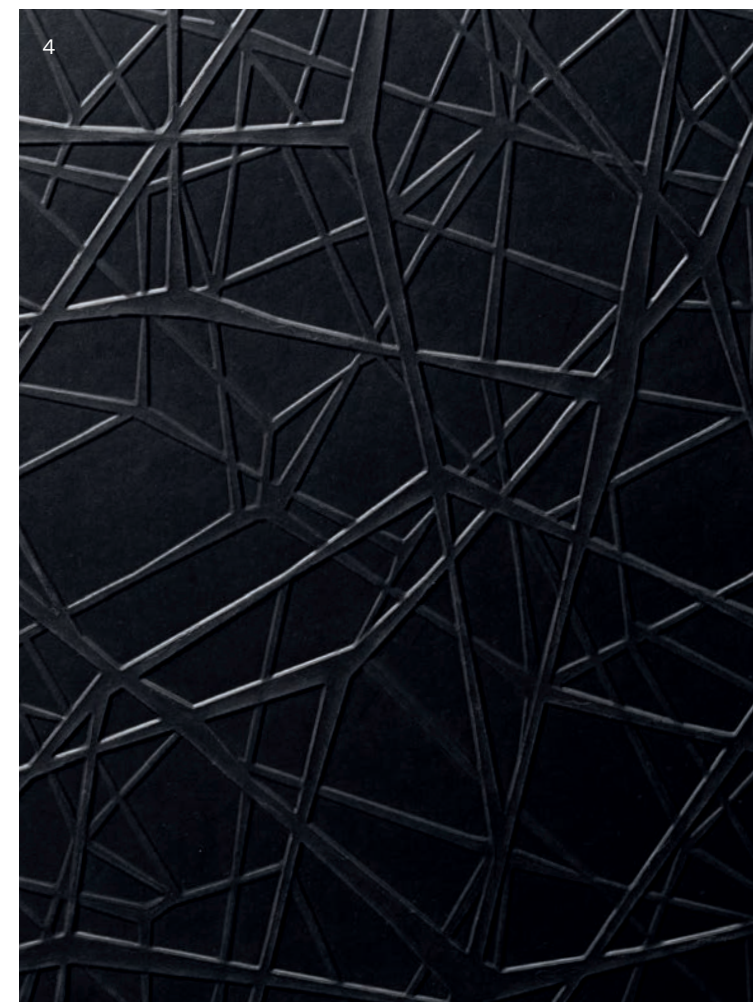
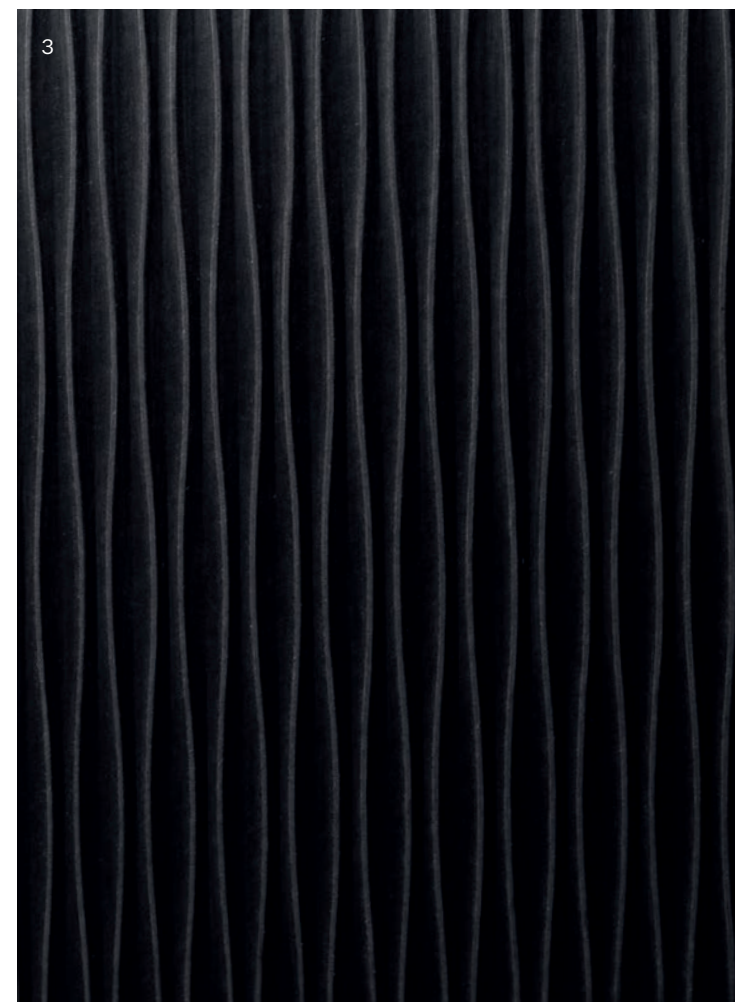
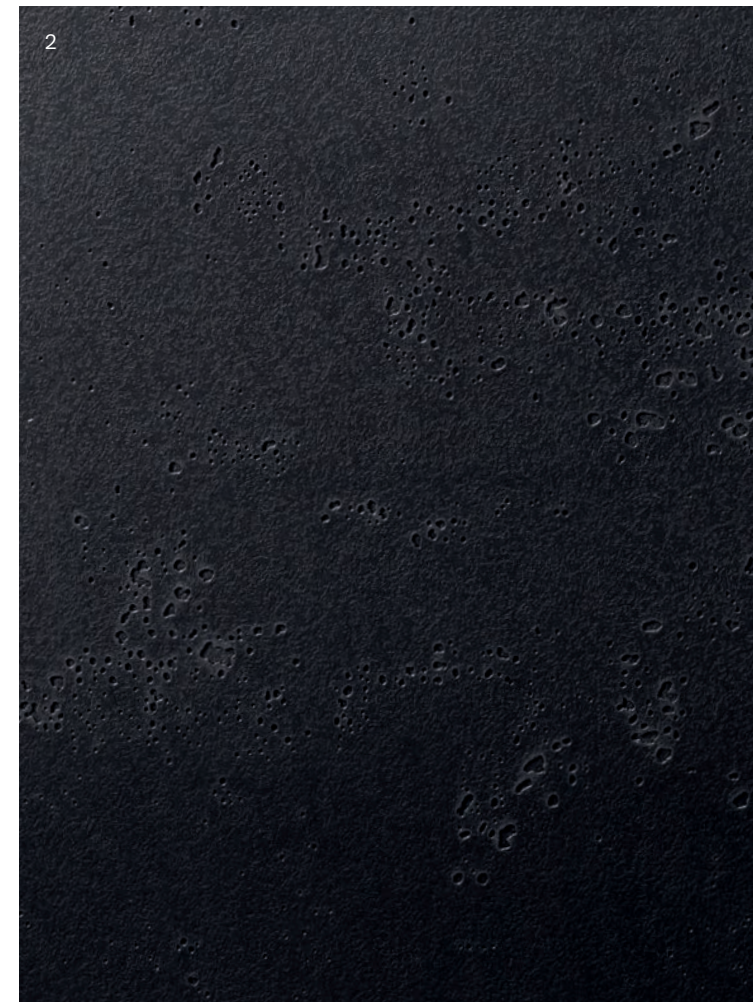
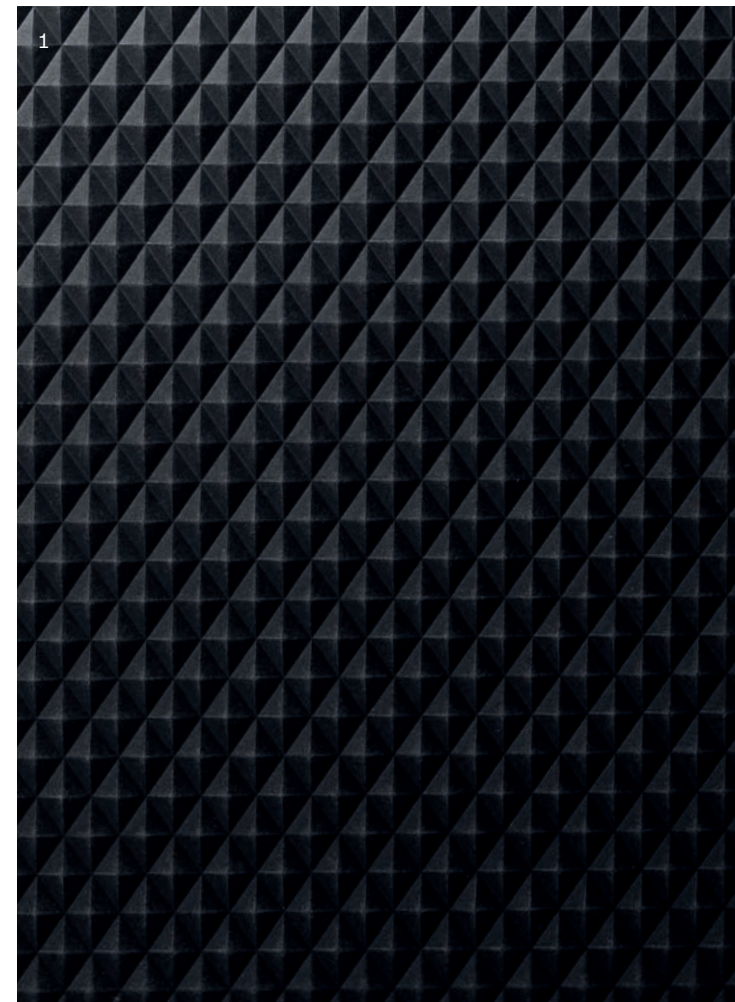




**Fibracolour TEX EZ is a new range of decorative boards developed from our Fibracolour EZ, providing different textures embossed on its surface. This feature enhances its decorative qualities and, in combination with lacquers or varnishes, the possibilities of customization are unlimited.**

Fibracolour TEX EZ makes it possible to enrich the material and sensorial characteristics of any interior space by means of a varied offer of surfaces in relief.

The different textures in linear, geometric or fantasy forms, offer a great versatility, to adapt to spaces or decorative applications.





### Features

The technology used in the reproduction of reliefs on the surface of the board offers a compact surface, ideal for the application of different types of varnishing or lacquering with infinite effects and colors (RAL, NCS, PANTONE, etc.). The texture is only supplied on the top side.

Each of the available textures on Fibracolour EZ offers its own uniqueness with numerous possibilities. In addition to the consequent savings in machining processes on surface and time to get similar results.

All the boards synchronize the reproduction of the textures on the entire surface, which facilitates the cutting, machining or paneling in different applications.

### Applications

- Fibracolour EZ TEX is an ideal product to be used in different applications:
- Ephemeral architecture**

Stands and stands expository

**Interior design**

Paneled, screens and coatings

**Furniture**

Household furniture, auxiliary and children

**Commercial premises**

Counters and exhibitors

**Technical solutions**

Moldings, bas-relief effects, and product design

**Design**

Decorative solutions in stores, hotels, etc.

### Range

Product	Size (mm)	Thickness (mm)
FIBRACOLOUR NEGRO EZ TEX PRISMA	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX FUJI	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX MOJAVE	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX TRAMA	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX BLOCKS	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX CEMENTO	2800 × 1045	19
FIBRACOLOUR NEGRO EZ TEX VETA	2800 × 1045	19
FIBRACOLOUR GRIS EZ TEX CEMENTO	2800 × 1045	19

Available from a single board  
Consult our commercial network for more information

### Finishes



1.
2.
3.
4.
5.
6.
7.
8.

1. Fibracolour Negro EZ TEX Prisma

2. Fibracolour Negro EZ TEX Cemento

3. Fibracolour Negro EZ TEX Mojave

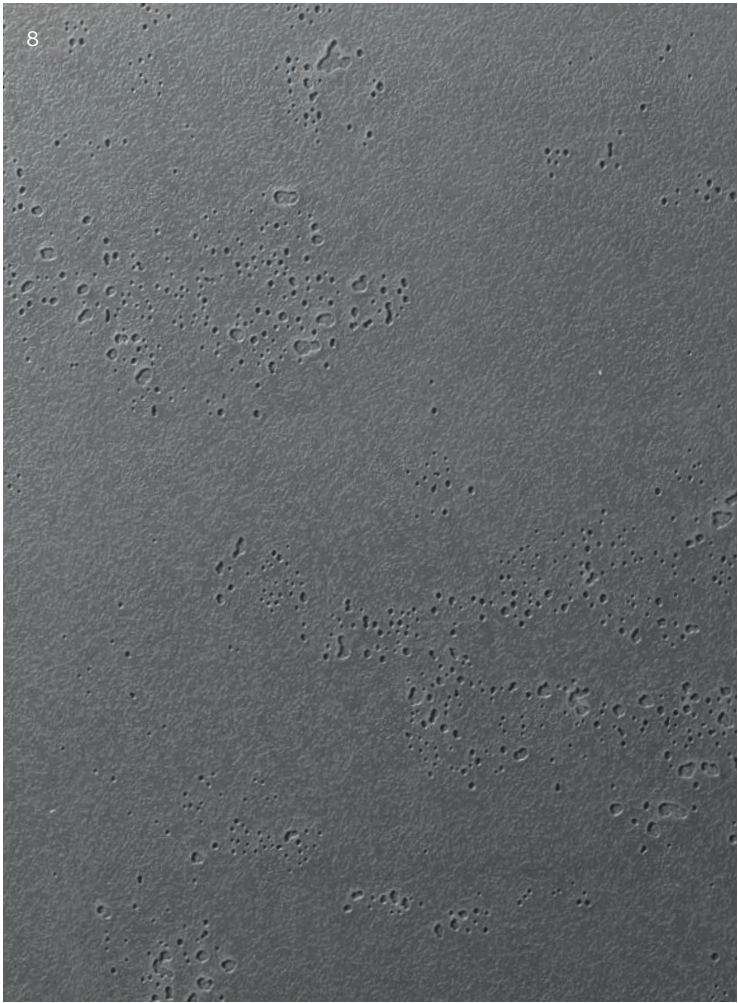
4. Fibracolour Negro EZ TEX Trama

5. Fibracolour Negro EZ TEX Blocks

6. Fibracolour Negro EZ TEX Fuji

7. Fibracolour Negro EZ TEX Veta

8. Fibracolour Gris EZ TEX Cemento



→

5. Texture Blocks

6. Texture Fuji

7. Texture Veta

8. Texture Cemento Gris



# The combination of Fibracolour with FINSA’s extensive Gama Duo range of melamines meets the challenge of expressing the character of any interior space.

The possibilities of personalization are almost unlimited by combining the color edges of the product and the wide range of melamines available for its surface, ranging from wood designs with rustic character to elegant and sophisticated structures.

Gama Duo offers a wide range of colors. From the most neutral to the most vivid and intense, without forgetting also a significant number of abstract designs inspired by textile materials, metallized, hydraulic mosaics or on surfaces such as cement or marble.

## Range

Product	Size (mm)	Thickness (mm)
FIBRACOLOUR NEGRO EZ PLAST	2850 × 2100	10, 19, 25

Available from a single board  
Consult our commercial network for more information

- Base board:  
Fibracolour Negro EZ PLAST
- Finishes:
- 1. Luna Nueva
  - 2. Roble Hércules
  - 3. Apricot Fruit
  - 4. Old Oak
  - 5. Mármol Blanco
  - 6. Aqua Blue
  - 7. Mineral Grey
  - 8. Makers Wood
  - 9. Verde Jungla
  - 10. Roble Oasis
  - 11. Erable Musset





The range of Fibracolour decorative boards can also be combined with FINSA’s Studio Natur range of natural wood veneers, combining the versatility, flexibility and functionality of industrial materials with the naturalness, warmth and elegance of wood.

The veneers of natural wood allow to appreciate the wood in all its splendor. Its combination with Fibracolour Black provides great versatility for the configuration of warm and sophisticated interior spaces.

Range

Product	Size (mm)	Thickness (mm)
FIBRACOLOUR NEGRO NATUR	3050 × 1220	13, 19

Available from two boards  
Consult our commercial network for more information

- Base board:  
Fibracolour Negro
- Finishes:  
1. Ébano Kandy  
2. Roble Natura Vintage  
3. Roble Alba  
4. Fresno Alba  
5. Roble Grigio





Greenpanel Negro is an innovative ultralight panel, manufactured with Fibracolour Negro, which has been developed for applications that require the combination of low weight and high strength.

The Greenpanel panel is manufactured with thin faces of Fibracolour Negro board and an interior arranged in the form of cells. The uncoated edge of the panel gives it a great aesthetic personality for its use in interior design.

Its thickness and high dimensional stability make it especially suitable for use and application in furniture, shelves, mobile panels, suspended ceilings, stands, exhibitors and ephemeral architecture.

Range

Product	Size (mm)	Thickness (mm)
GREENPANEL NEGRO 38 MM	2850 × 2100	38

Available from a single board  
Consult our commercial network for more information





Twincolour is a MD wood fiber board consisting of two layers of Fibracolour Negro of 3 mm thickness on the outer faces and a 10 mm inner board of the Fibracolour range.

Thanks to its physical characteristics, the Twincolour board is an ideal board for original and unconventional decorative solutions, such as pantographed or grooved on the outer faces of the board, highlighting the interior formed by one of the colored boards of the Fibracolour range.

Fibracolour Twincolour is a product made of non-toxic aqueous phase pigments and low formaldehyde emission (E1 classification), therefore, guarantees a perfect and safe coexistence with the environment and appears as an ideal alternative for use in closed spaces .

Range

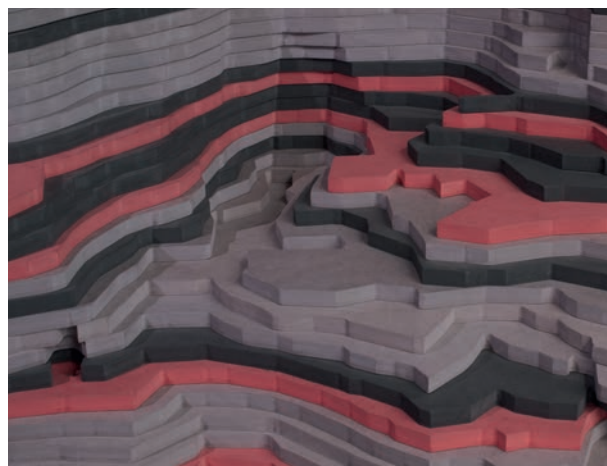
Product	Size (mm)	Thickness (mm)
TWINCOLOUR AMARILLO	2850 × 2100	16
TWINCOLOUR GRIS	2850 × 2100	16
TWINCOLOUR ROJO	2850 × 2100	16
TWINCOLOUR AZUL	2850 × 2100	16
TWINCOLOUR ANTRACITA	2850 × 2100	16

Available from a single board  
Consult our commercial network for more information



→  
1. Twincolour Gris  
2. Twincolour Rojo  
3. Twincolour Amarillo  
4. Twincolour Azul  
\* Mechanization suggestion





Astral Bodies. FINSA  
Milan Design Week 2019  
Enorme Studios

→ Pantographed cutting  
Fibracolour Negro EZ  
Fibracolour Gris EZ  
Fibracolour Antracita EZ  
Fibracolour Amarillo EZ  
Fibracolour Azul EZ  
Fibracolour Rojo EZ



6th Ibero-American Design  
Biennial  
Matadero Madrid 2019  
Paredes Pedrosa Arquitectos

→ Digital printing  
Fibracolour Negro EZ  
Fibracolour Gris EZ  
Fibracolour Antracita EZ  
Fibracolour Amarillo EZ  
Fibracolour Azul EZ  
Fibracolour Rojo EZ





R+D+i Pavilion  
Alaquas, Valencia  
Mano de Santo

# Technical information

## GENERAL RECOMMENDATIONS

### A. STORAGE

- It should be stored in closed rooms, ventilated and dry, protected from the sun, rain, frost and splash of chemical products, in compact piles.
- The packages will be placed on a level and flat surface, and the boards will be kept packed in conditions similar to those of the original packaging for the proper maintenance of their properties. When the packages are stacked, vertical alignment of the supports is recommended to avoid deformation.
- Avoid that the board is subjected to differentiated humidity and temperature conditions for each of its faces.
- Storage is especially critical in the case of Fibracolour Negro Ignifugo, so it is very important to keep the original packaging or very similar and avoid any humid environment to preserve its physical-mechanical properties in optimal conditions.
- It is recommended to pay special attention to dry and lateral blows, and handle the board with care to avoid damage. Especially in case of Greenpanel, given its characteristics, it can be damaged in the corners and edges, as well as inside it, and the top board will preferably be protected by a lid for proper storage and transport.

### B. ACCLIMATIZATION

- Wood and any board derived from it, for its hygroscopic properties, captures and gives moisture from the surrounding environment, depending on the temperature and humidity conditions of said environment, which causes dimensional variations.
- The pre-conditioning of the boards is recommended. Before processing, it is recommended to acclimate it to the environment for at least 2 days before use.
- In the case of commissioning (coatings, etc.), they must be stabilized at the installation site to achieve balance and minimize dimensional variations once installed.

### C. HANDLING AND MACHINING

#### HANDLING

- The product must be handled with due precautions, avoiding intense friction between the faces that may cause damage to the decorative surface.

#### MACHINING AND CUTTING

- For the cutting and machining of the board, the tools commonly used for other boards derived from wood can be used. It is important to assure a good result a 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 works. It is recommended to consult your usual tool provider for more information and advice.
- It is recommended to mechanize the edge of the board avoiding the straight edges, especially with decorative melamine.



# Technical information

## D. CLEANING

- Previously finished surfaces should be free of dust or dirt and sanding marks. Pre-sanding of fine grain is recommended 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. Avoid abrasive elements and excessively acidic or basic solutions. Long exposures with damp surfaces and / or direct contact with water should be avoided.

## E. INSTALLATION

- The method of installation and fixation is critical when it comes to ensuring adequate behavior of the boards placed on site.
- The boards, due to their hygroscopic behavior, yield and absorb moisture from the surrounding air or nearby elements, which is why it is very important to acclimatize before installation and leave expansion joints in the perimeter of the panel once installed on site, in the case of paneling.

## SPECIFIC RECOMMENDATIONS

- Because of the manufacturing process, the boards colored in mass can present variations of tonality, not guaranteeing a uniformity in the color between boards. For that reason it is recommended:
  - Preferably use boards from the same manufacturing lot.
  - Prior to its use, make a comparison between the boards of the same or different thicknesses to check their tonality.
- The color must always comply with the range of colorimetry parameters specified in the technical sheet.
- When applying a surface treatment (varnish, oil, wax, ...) we recommend carrying out a preliminary test on a representative sample to check the compatibility of the coating with the board.
- It must be taken into account that transparent finishes can modify the initial tone of the board obscuring it. We recommend the use of a sealant product before applying the surface treatment.
- Edge sealing is recommended to ensure good board performance. In the case of pigmented transparent finishes, there may be slight variation in shade between the surface of the board and the edges due to a greater absorption in the latter. The sealing of the edges mitigates this effect.
- High strength natural pigments are used in its manufacture, however direct exposure to sunlight should be avoided to avoid discoloration.
- These recommendations are also valid for the Fibracolour TEX EZ, whose tonality can also vary superficially after the pressing process.

→

(\*) This data is considered indicative

- These physical-mechanical values meet / improve the values established in the European Standard EN 622-5: 2009 Table 3: Requirements of the boards used in dry environment.
- It has a certificate of conformity with phase 2 of CARB formaldehyde emission and with the US EPA TSCA Title VI.
- Meets the requirements of Class E1 (EN-ISO 12460-5) defined in the European Standard EN 622-1: 2003.
- It has a certificate of verification of CE performance certificate issued by AENOR with nº 099 / CPR / A65 / 0031. Due to the continuous development of the product and the rules by which it is governed, some parameters may undergo modifications. For more information, or the download of the complete technical sheets, consult the web [www.finsa.com](http://www.finsa.com)

# Data sheet

## FIBRACOLOUR NEGRO EZ <sup>(1)(2)</sup>

CARB2

TEST	PROPERTY	2-2.5	>2.5-4	>4-6	>6-9	>9-12	>12-19	>19-30	>30-40	t (mm)
EN 323	Density (*)	890/850	850/825	820/800	790/750	750/740	740/710	710/700	690/680	kg/m³
EN 319	Internal bond	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50	N/mm²
EN 310	Bending resistance	23	23	23	23	22	20	18	18	N/mm²
EN 310	Modulus of elasticity	-	-	2700	2700	2500	2200	2100	2000	N/mm²
EN 317	24h water swelling	45	35	30	17	15	12	10	8	%
EN 322	Humidity	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	%
TOLERANCES										
EN 324-1	Thickness	±0,15	±0,15	±0,15	±0,2	±0,2	±0,2	±0,3	±0,3	mm
EN 324-1	Length and width	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	mm/m
EN 324-2	Squareness	±2	±2	±2	±2	±2	±2	±2	±2	mm/m

## FIBRACOLOUR NEGRO IGNÍFUGO <sup>(1)(3)(4)</sup>



TEST	PROPERTY	10-12	>12-19	thickness (mm)
EN 323	Density (*)	860/820	800/780	kg/m³
EN 319	Internal bond	0,6	0,55	N/mm²
EN 310	Bending resistance	22	20	N/mm²
EN 310	Modulus of elasticity	2500	2200	N/mm²
EN 317	24h water swelling	15	12	%
EN 322	Humidity	7 ±3	7 ±3	%
EN 13501-1	Fire class	B-s2,d0	B-s2,d0	Euroclase
TOLERANCES				
EN 324-1	Thickness	±0,2	±0,2	mm
EN 324-1	Length and width	±2, MÁx 5	±2, MÁx 5	mm/m
EN 324-2	Squareness	±2	±2	mm/m

## FIBRACOLOUR EZ GRIS / AMARILLO / ANTRACITA / AZUL / ROJO <sup>(1)(2)</sup>

CARB2

TEST	PROPERTY	10-12	>12-19	>19-30	thickness (mm)
EN 323	Density (*)	740/730	695/650	650/640	kg/m³
EN 319	Internal bond	0,6	0,55	0,55	N/mm²
EN 310	Bending resistance	22	20	18	N/mm²
EN 310	Modulus of elasticity	2500	2200	2100	N/mm²
EN 317	24h water swelling	15	12	10	%
EN 322	Humidity	7 ±3	7 ±3	7 ±3	%
TOLERANCES					
EN 324-1	Thickness	±0,2	±0,2	±0,3	mm
EN 324-1	Length and width	±2, MÁx 5	±2, MÁx 5	±2, MÁx 5	mm/m
EN 324-2	Squareness	±2	±2	±2	mm/m



