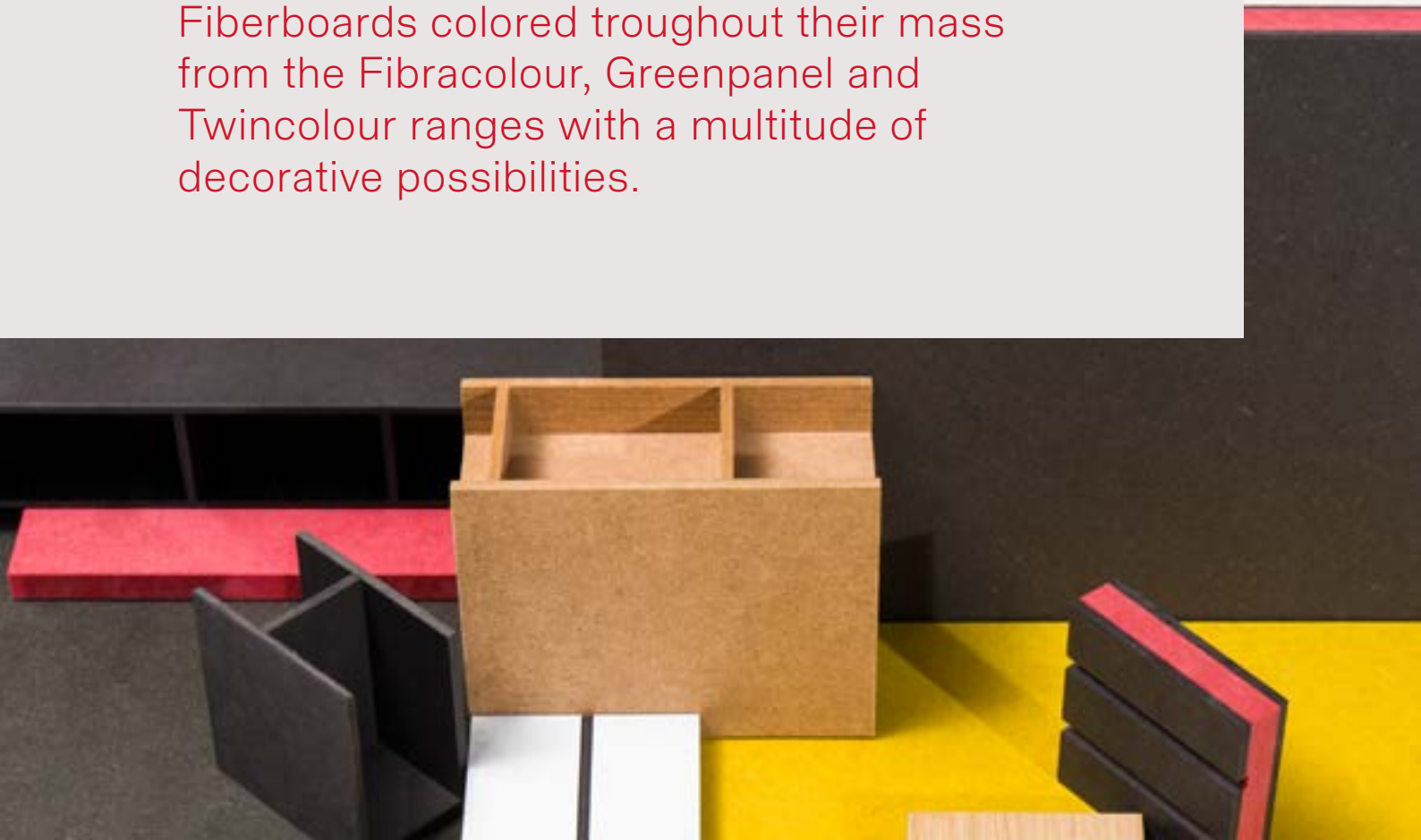
Finsa
Design

Decorative Panels

Fiberboards colored troughout their mass from the Fibracolour, Greenpanel and Twincolour ranges with a multitude of decorative possibilities.



Finsa

Decorative panels of different colors and sizes to make your ideas come true.

Discover all the possibilities of our Fibracolour, Twincolour and Greenpanel ranges!

finsa.com

Creativity: it is within you

The interior spaces are those most closely related to people; They 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 ability to qualify spaces, to make them comply with the uses and functions entrusted to them, to give them personality and identity.

Whether they are open-plan or complex interior spaces, bright or with controlled light, work or leisure, domestic or public, each space, each place, has an idea behind it: your idea. Creativity is the tool you use every day and our collection of Decorative Panels has the materials that will allow you to make your ideas come true.

Sustainability

At Finsa we work on a continuous improvement process to develop the circularity of our processes and products.

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.

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.

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 Y LEED VERDE, WELL and LBC
Our wood solutions help meet the requirements of sustainable building certifications. Furthermore, our products are validated by Green Building Council España and can be queried on their Materials Platform.

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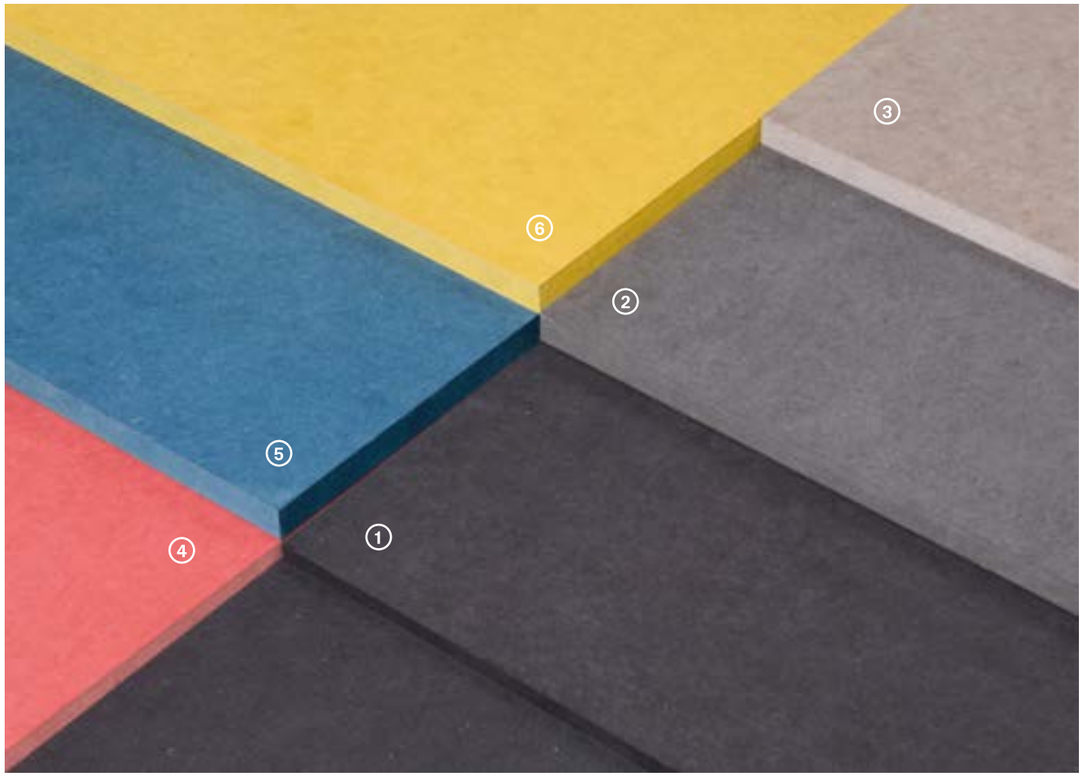
1. Fibracolour

Finsa's Fibracolour range is made up of decorative wood fiber boards colored throughout their mass.

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.

It can also be coated with natural veneer or decorative paper, creating an attractive contrast between the surface and the colored edges of the product. Our Fibracolour supports are of E-Z quality. This property gives the board a very low formaldehyde content.

1. Fibracolour Grey E-Z
2. Fibracolour Anthracite E-Z
3. Fibracolour Red E-Z
4. Fibracolour Yellow E-Z
5. Fibracolour Blue E-Z
6. Fibracolour Black E-Z



Characteristics

Fibracolour is a product made with non-toxic water-based pigments and with a low concentration of formaldehyde. Therefore, it guarantees a perfect and safe coexistence with the environment and is therefore an ideal solution for use in closed spaces. The product guarantees reliability, consistency and intensity of the colors in accordance with our strict quality controls.

The color is perfectly uniform over the entire panel and is resistant to natural and artificial light.

Fibracolour allows easy and quick repair of possible damage to the surface. Simply superficial sanding corrects scratches or bumps and returns the product to its original state, without perceiving tonality changes.

Applications

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

Ephemeral architecture
Stands and stands expository.

Interior design
Panels, screens and decorative cladding.

Furniture
Household-, auxiliary-, office- and children furniture.

Locales comerciales
Counters and exhibitors.

Technical solutions
Manufacturing of acoustic elements and moldings, bas-relief effects, product design.

Design
Excellent behavior as support for printing with digital technology.

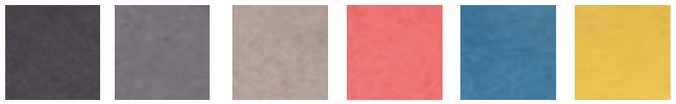
Range

Product	Size (mm)	Thickness (mm)
Fibracolour Black E-Z*	2 440 × 1 220	10, 16, 18, 19
	2 850 × 2 100	3, 8, 10, 16, 19, 25, 30
	3 050 × 1 220	12, 18
Fibracolour Black Fire-retardant E-Z	2 850 × 2 100	16, 19
Fibracolour Anthracite E-Z	2 850 × 2 100	10, 19
Fibracolour Grey E-Z	2 850 × 2 100	10, 19
Fibracolour Red E-Z	2 850 × 2 100	10, 19
Fibracolour Blue E-Z	2 850 × 2 100	10, 19
Fibracolour Yellow E-Z	2 850 × 2 100	10, 19

Consult our commercial network for more information.

* Also available on request Fibracolour Black MR E-Z and Fibracolour Black Lit E-Z.

Colors



1. Fibracolour Black E-Z
2. Fibracolour Anthracite E-Z
3. Fibracolour Grey E-Z
4. Fibracolour Red E-Z
5. Fibracolour Blue E-Z
6. Fibracolour Yelllow E-Z

Casa Lucernario
Aritz González (MapOut)

Madrid, Spain
2021

Fibracolour Black E-Z

Kitchen furniture

Photography:
MapOut

Exhibition Biennal Iberoamericana de Diseño
Paredes Pedrosa Arquitectos

Madrid, Spain
2018

Fibracolour Black, Grey, Red, Yellow and Blue E-Z

Exhibition furniture

Photography:
Luis Asín

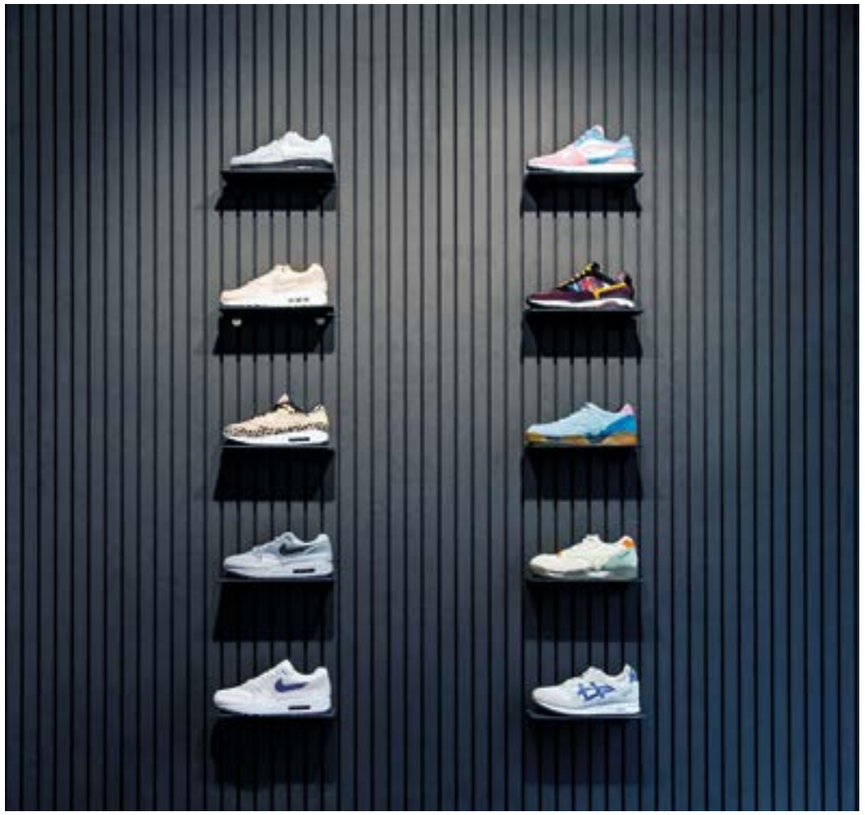
Sneakerbaas
Stas Kokke

Utrecht, The
Netherlands, 2019

Fibracolour Black E-Z

Wall cladding
and counters

Photography:
Projectbureau-X



Hotel Zafiro Palace Andratx
Marga Rotger
Interiorisme

Alicante, Spain
2017

Fibracolour Yellow lacquered in gold

Bedroom latticework

Photography:
Gori Salvà

1.1. Fibracolour Duo

The combination of Fibracolour E-Z with the extensive Duo range of decorative surfaces from Finsa allows us to meet the challenge of expressing the character of any interior space.

The customization possibilities are almost unlimited by combining the colored edges of the product and the wide range of decorative paper available for its surface, ranging from rustic wood designs to elegant and sophisticated structures.

An extensive range of colors ranging from the most neutral tones to the most vivid and intense, without forgetting also a significant number of abstract designs inspired by textile materials, metallics, hydraulic mosaics or surfaces such as cement or marble.

Range

Product	Size (mm)	Thickness (mm)
Fibracolour Black E-Z Plast	2 440 × 1 220	16, 19
	2 850 × 2 100	10, 16, 19, 30
Fibracolour Black FR E-Z Plast	2 850 × 2 100	19

Consult our commercial network for more information

Baseboard:
Fibracolour Black E-Z Plast

Designs:
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

Showroom
Espacio Aretha
Espacio Aretha

Madrid, Spain
2021

Fibracolour Black Plast
Roble Bello Supermate

Furniture

Photography:
Espacio Aretha

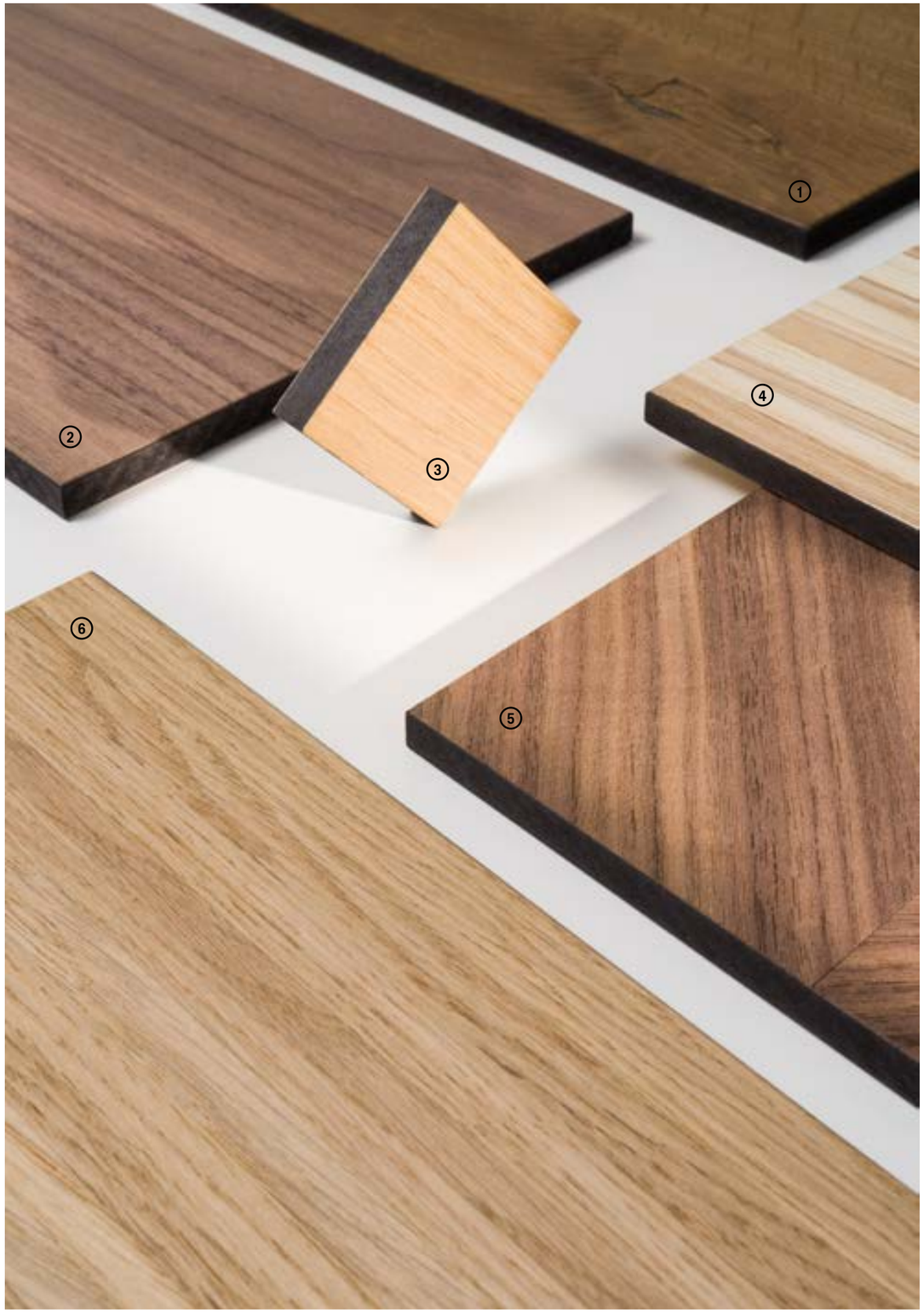
Hotel BED4U
IHP

San Sebastián, Spain
2022

Fibracolour Black
E-Z Plast Roble
Amazona Atlas

Paneling

Photography:
IHP



1.2. Fibracolour Natur & Studio Natur

The Fibracolour range of decorative boards can also be combined with the Natur and Studio Natur ranges from the Natural Decorative Surfaces collection. In this way we combine the versatility, flexibility and functionality of industrial materials with the naturalness, warmth and elegance of wood.

Natural wood veneers allow you to appreciate wood in all its splendor. Its combination with Fibracolour Black E-Z provides great versatility for the configuration of warm and sophisticated interior spaces.

Range

Product	Size (mm)	Thickness (mm)
Fibracolour Black E-Z Natur	2440 × 1220	11, 19
	2850 × 2100	20
	3050 × 1220	13, 19
Fibracolour Black E-Z Studio Natur	2440 × 1220	11, 19
	3050 × 1220	13,19

Consult our commercial network for more information

Baseboard:
Fibracolour Black E-Z

Designs:
1. Roble Original
2. Nogal Merlot
3. Fresno Alba
4. Keraban Sycamore
5. Espiga Goldoni
6. Roble Country

Xeito offices
Enorme Estudio

Madrid, Spain
2020

Fibracolour Grey E-Z
Natur Érable,
Fibracolour Grey E-Z

Tables and stands

Photography:
Paz García

Apartment renovation in Pontevedra
Peza Estudio

Pontevedra, Spain
2020

Fibracolour Black E-Z
Natural Oak

Furniture

Photography:
Álex Fernández
Photography

2. Twincolour

Twincolour is an MDF wood fiber board made up of two layers of 3 mm thick Fibracolour Black E-Z on the outer faces and a 10 mm inner board from the Fibracolour range.

Thanks to its physical characteristics, the Twincolour E-Z board is an ideal board for original and unconventional decorative solutions, such as pantographies or grooves on the outer faces of the board, highlighting the interior made up of one of the colored boards from the Fibracolour range.

Twincolour E-Z is a product made from non-toxic aqueous phase pigments and a low formaldehyde emission. Therefore, it 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 Yellow E-Z	2 850 × 2 100	16
Twincolour Grey E-Z	2 850 × 2 100	16
Twincolour Red E-Z	2 850 × 2 100	16
Twincolour Blue E-Z	2 850 × 2 100	16
Twincolour Anthracite E-Z	2 850 × 2 100	16

Consult our commercial network for more information

Boards:
1. Twincolour Grey E-Z
2. Twincolour Red E-Z
3. Twincolour Yellow E-Z
4. Twincolour Blue E-Z

Showroom Weststrate
Bureaux Koster Vooges

Middelburg, The Netherlands 2019

Twincolour Grey E-Z and Greenpanel Black E-Z

Shelves, panels and decorative elements

Photography: Koster Vooges

Pop up Intersections Finsa, Actiu & Simon
Stone Designs

Barcelone, Spain 2019

Twincolour Yellow E-Z

Vertical claddings and bespoke furniture

3. Greenpanel

Greenpanel is an innovative ultralight board, manufactured with Fibranor E-Z and Fibracolour Black E-Z, which has been developed for applications that require a combination of low weight and high resistance.

The Greenpanel board is made with thin faces of fiberboard and an interior arranged in the form of a grid. The uncoated edge of the panel gives it a great aesthetic personality for 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, exhibitions and ephemeral architecture.

Range

Product	Size (mm)	Thickness (mm)
Greenpanel E-Z	2850 × 2100	28, 38, 50, 60
Greenpanel Black E-Z 3mm	2850 × 2100	38

Consult our commercial network for more information

Boards:
Greenpanel E-Z
and Greenpanel Black E-Z

Pop up Intersections Actiu, Finsa & Simon
Stone Designs

Barcelona, Spain
2019

Greenpanel Black E-Z

Tables

Stand Finsa BV at Prowood 2018

Ghent, Belgium
2018

Greenpanel Black E-Z

Stand structure, shelves, tables and furniture.

4. Technical information

General recommendations

Storage

- It must be stored in closed, ventilated and dry places, protected from the sun, rain, frost and splashes 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, the vertical alignment of the supports is recommended to avoid deformations.
- Avoid that the board is subjected to differentiated humidity and temperature conditions on each of its faces.
- Storage is especially critical in the case of Fibracolour FR E-Z, so it is very important to keep the original or very similar packaging 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 with GREENPANEL, given its characteristics, it can be damaged in the corners and edges, as well as inside it, and the top panel will preferably be protected by a cover for proper storage and transport.

Acclimatization

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

Technical information Fibracolour

General recommendations

Handling and machining

Handling

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

Machining and cutting

· For the cutting and machining of the board, the commonly used tools for other wood-derived boards can be used.

· To ensure a good result, it is important to correctly sharpen and maintain the cutting tools, as well as to eliminate vibrations in the machine, and to follow other good practices recommended in carpentry work. It is recommended to consult your usual tool supplier for further information and advice. It is recommended to machine the edge of the top avoiding straight edges, especially with decorative papers.

Cleaning

· Prior to finishing the surfaces must be free of dust or dirt and sanding marks. A fine grain sanding is recommended before applying any surface treatment such as lacquer, varnish or oil paints.

· The decorative paper top can be cleaned with a damp cloth and a neutral cleaning agent in small doses. Abrasive elements and excessively acidic or basic solutions must be avoided. Avoid prolonged exposure to wet surfaces and/or direct contact with water.

Installation

· The method of installation and fixing is critical when it comes to ensuring proper behavior of the boards placed on site.

· Due to their hygroscopic behavior, the boards yield and capture moisture from the surrounding air or nearby elements, so it is very important to acclimatize them in the installation place and leave expansion joints around the perimeter of the board once installed on site, in the event of paneling.

Specific recommendations

Fibracolour

· Boards colored in their mass, due to their manufacturing process, may present tonality variations, not guaranteeing color homogeneity between boards, therefore it is recommended:

- Preferably use boards from the same manufacturing batch.
- Prior to its use, make a comparison between 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 data sheet.

· When a surface treatment is going to be applied (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 the transparent finishes can modify the initial tone of the panel; darkening it. We recommend the use of a sealing product before applying the surface treatment.

· Edge sealing is recommended to guarantee the good behavior 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. Edge sealing mitigates this effect.

· High resistance natural pigments are used in its manufacture, however direct exposure to sunlight should be avoided to avoid color changes.

Technical data sheets

Fibracolour Black E-Z (1) (3) (4)

E05 CARB2

Property	Test	2–2.5	>2.5–4	>4–6	>6–9	>9–12	>12–19	>19–30	>30–44	Thi. (mm)
Density*	EN 323	890/850	850/825	820/800	790/750	750/740	740/710	710/700	690/670	kg/m³
Internal bond	EN 319	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50	N/mm²
Bending resistance	EN 310	23	23	23	23	22	20	18	17	N/mm²
Modulus of elasticity	EN 310	-	-	2 700	2 700	2 500	2 200	2 100	1900	N/mm²
24h Water swelling	EN 317	±0,15	±0,15	±0,15	±0,2	±0,2	±0,2	±0,3	±0,3	%
Humidity	EN 322	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	%
Tolerance										
Thickness	EN 324-1	±0,15	±0,15	±0,15	±0,2	±0,2	±0,2	±0,3	±0,3	mm
Length and width	EN 324-1	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	mm/m
Squareness	EN 324-2	±2	±2	±2	±2	±2	±2	±2	±2	mm/m

Fibracolour Black Fire retardant E-Z (1) (3) (4) (5)

E05 CARB2 B-s2, d0

Property	Test	10–12	>12–19	Thickness (mm)
Density*	EN 323	860/820	800/780	kg/m³
Internal bond	EN 319	0.6	0.55	N/mm²
Bending resistance	EN 310	22	20	N/mm²
Modulus of elasticity	EN 310	2 500	2 200	N/mm²
24h Water swelling	EN 317	15	12	%
Humidity	EN 322	7 ±3	7 ±3	%
Fire class	EN 13501-1	B-s2, d0	B-s2, d0	Euroclass
Tolerance				
Thickness	EN 324-1	±0,2	±0,2	mm
Length and width	EN 324-1	±2, max 5	±2, max 5	mm/m
Squareness	EN 324-2	±2	±2	mm/m

Fibracolour Black Moisture resistant E-Z (2) (3) (4)

E05 CARB2

Property	Test	2–2.5	>2.5–4	>4–6	>6–9	>9–12	>12–19	>19–30	Thickness (mm)
Density*	EN 323	880/860	855/830	820	800/770	770/740	740/720	720/710	kg/m³
Internal bond	EN 319	0.90	0.85	0.80	0.80	0.75	0.75	0.70	N/mm²
Bending resistance	EN 310	27	27	30	30	30	28	25	N/mm²
Modulus of elasticity	EN 310	2 700	2 700	2 700	2 700	2 700	2 500	2 500	N/mm²
24h Water swelling	EN 317	30	18	12	10	8	7	7	%
Humidity	EN 322	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	7 ±3	%
Accelerated aging test. Swelling after cyclic test (V313)	EN 321 EN 317	40	25	19	16	15	15	15	%
Accelerated aging test. Internal tensile after cyclical test (V313)	EN 321 EN 319	0.35	0.35	0.30	0.25	0.20	0.15	0.15	N/mm²
Tolerance									
Thickness	EN 324-1	±0,15	±0,15	±0,2	±0,2	±0,2	±0,3	±0,3	mm
Length and width	EN 324-1	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	±2, max 5	mm/m
Squareness	EN 324-2	±2	±2	±2	±2	±2	±2	±2	mm/m

Fibracolour Black Lit E-Z (1) (3) (4)

E05 CARB2

Property	Test	16–19	Thickness (mm)
Density*	EN 323	600	kg/m³
Internal bond	EN 319	0,45	N/mm²
Bending resistance	EN 310	17	N/mm²
Modulus of elasticity	EN 310	1500	N/mm²
24h Water swelling	EN 317	10	%
Humidity	EN 322	7 ±3	%
Tolerance			
Thickness	EN 324-1	±0,20	mm
Length and width	EN 324-1	±2, max 5	mm/m
Squareness	EN 324-2	±2	mm/m

Technical data sheets

Fibracolour Grey, Yellow, Anthracite, Blue y Red E-Z (1) (3) (4)

E05 | CARB2

Property	Test	10–12	>12–19	>12–19	Thickness (mm)
Density*	EN 323	740/730	695/650	650/640	kg/m³
Internal bond	EN 319	0,6	0,55	0,55	N/mm²
Bending resistance	EN 310	22	20	18	N/mm²
Modulus of elasticity	EN 310	2 500	2 200	2100	N/mm²
24h Water swelling	EN 317	15	12	10	%
Humidity	EN 322	7 ±3	7 ±3	7 ±3	%
Tolerance					
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
Squareness	EN 324-2	±2	±2	±2	mm/m

(*) This data is considered indicative

1. These physical-mechanical values meet/better the values established in European Standard EN 622-5:2009 Table 3: Requirements for boards used in a dry environment.
2. These physical-mechanical values comply with the values established in the European standard EN 622-5:2009 Table 4: Board requirements for general use in humid environments.
3. It has a certificate of conformity with phase 2 of CARB formaldehyde emission and with the US EPA TSCA Title VI. E05.
4. It is a product with E05 reduced formaldehyde emission and complies with the Class E1 requirements defined in the European Standard EN 622-1:2003.
5. It has a certificate of verification of constancy of EC performance 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 be modified. For more information, or to download the complete technical data sheets, consult our website

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