

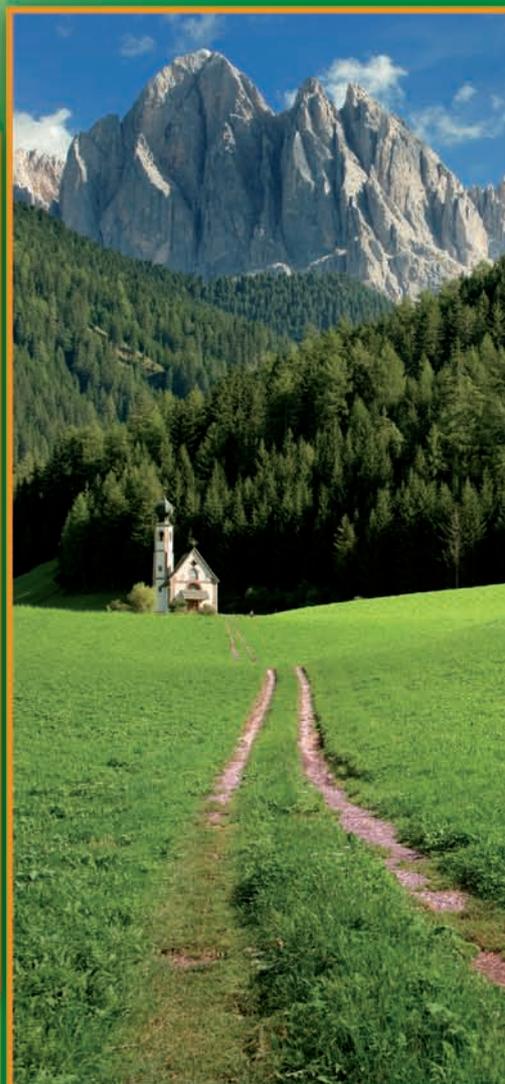
Nature is our home



FIBRIS

1959 R.

PRZEMYSŁ



MANUFACTURER OF FIBERBOARDS



FIBRIS

MANUFACTURER OF FIBERBOARDS

Fibris S.A. is one of the leading manufacturers of fiberboards in Europe.

Over 50 years we have been producing wet process hardboard. Currently we have four production lines on which we can produce almost all types of softboards and hardboards available in Europe. We also offer fiberboards refined to varying degrees.

A wide range of our products enables us to cooperate with companies from many different industries. Our panels are used in building, packaging, furniture, automotive industry and they are used for other specialized applications.

Our goal is to provide the highest quality fiberboards. From the beginning of our activity we are focused on working closely with our customers and business partners. In this way we can fully understand and meet their quality needs, so that cooperation brings satisfaction to both parties.

The environmental protection is of a very great importance to us. We realize that during the production of fiberboards the formation and emission of pollutants is possible, which is why we have made a number of investments, which caused that our production process is environmental friendly. For the manufacture of our products we use only natural raw materials, so our products are human friendly. This is confirmed by the received attestation and quality certificates.

Our experience in the manufacture of fiberboards in conjunction with the offered quality and service means that customers working with us can expect the highest standards of service and excellent quality of products.



The mark of
responsible forestry



FIBRO N^{AT}URTM STANDARD

Softboard **Fibro Natur Standard** is a general purpose board.

Is widely used mainly in building and packaging industries, as well as among producers of educational and office aids. Due to its technical parameters, insulation properties and contents of organic constituents, it becomes more and more popular among people who value high quality and environmental-friendly products.



Features:

- universal application
- very good thermal and acoustic insulation
- ease of machining
- natural constituents
- known and popular on the market over many years



SOFTBOARD

SB type, manufactured in accordance with PN-EN 13 986 and PN-EN 622-1, 622-4

STANDARD DIMENSIONS:

1200 / 1220 x 1830 / 2440 / 2500 / 2700 / 2750 / 3050 mm

OFFERED THICKNESSES:

6,0; 7,0; 8,0; 9,5; 12,0; 15,0; 19,0; 20; 25 mm

PHYSICO - MECHANICAL PROPERTIES OF BOARDS:

Parameter:	Value:
Density [kg/m ³]	> 230
Declared thermal conductivity λ_D [W / mK]	0,050
Steam diffusion resistance factor μ	dry conditions = 10 wet conditions = 5
Specific thermal volume c [J / kg x K]	2100
Swelling after 2 h of immersion in water [%]	≤ 10
Static bending strength [N / mm ²] (*)	> 1,0
Flammability class according to DIN 4102	B2
Reaction to fire according to PN-EN 13 501-1	E
Sound absorption coefficient: frequency of 250 – 500 Hz / 1000 – 2000 Hz	0,10 / 0,30
Thickness tolerance [mm]: ≤ 10 mm / > 10 mm to 19 mm / > 19 mm	± 0,7 / ± 1,2 / ± 1,8
Tolerance of length / width / squareness / straightness [mm]:	± 2,0 / ± 2,0 ± 2,0 / ± 1,5

(*) – depending on the board thickness

Quality of produced boards is inspected by Factory Production Control supervised by MFPA Leipzig GmbH (NB 0800), in cooperation with the MPA BAU Muenchen (NB 1211).

FIBRO NATURTM THERMO

Fiberboard **Fibro Natur Thermo** is a board designed for thermal and acoustic insulation of buildings.

Due to the excellent performance of thermal insulation it is an ideal material for insulation of walls and roofs of buildings. Fibro Natur Thermo board provides excellent protection against heat in summer and heat loss in winter. Due to the use of natural components, the board regulates the microclimate in isolated rooms and provides a high comfort. The offered formats and ease of machining make the board ideal for both, new insulations and refurbished buildings.



Features:

- excellent thermal insulation
- excellent sound insulation
- easy and simple installation
- natural constituents
- high comfort of use of insulated rooms

THERMO FIBERBOARD

Produced according to PN-EN 13171

MARKING:

WF-EN 13171 – T4 – DS. (70,-)2 – CS (10/Y) 40 – TR 2,5 – WS 2,0 – MU 5 – AFr 100

STANDARD DIMENSIONS:

1200 x 600 / 800 / 2440 / 2500 mm

OFFERED THICKNESSES:

20; 30; 40; 60; 80; 100; 120 mm

PHYSICO - MECHANICAL PROPERTIES OF BOARDS:

Parameter:	Value for thickness [mm]:					
	20,0	40,0	60,0	80,0	100,0	120,0
Density [kg / m ³]	170 ± 20					
Declared thermal conductivity λ _D [W / mK]	0,0410	0,0410	0,0420	0,0420	0,0420	0,0420
Determined thermal conductivity λ _{mean} [W / mK]	0,0391	0,0385	0,0387	0,0389	0,0389	0,0389
Declared thermal resistance R _D [m ² K / W]	0,4878	0,9756	1,4286	1,9048	2,3809	2,8571
Determined thermal resistance R _{mean} [m ² K / W]	0,5115	1,0389	1,5504	2,0566	2,5707	3,0848
Steam diffusion resistance factor μ	dry conditions = 10 wet conditions = 5					
Specific heat capacity c [J / kg × K]	2100					
Absorbability at short-period water immersion according to PN-EN 1609 [kg / m ²]	≤ 2,0					
Compression strength [kPa]	> 40					
Airflow resistance [kPa × s / m ³]	> 100					
Flammability class according to DIN 4102	B2					
Reaction to fire according to PN-EN 13 501-1	E					
Sound absorption coefficient: frequency of 250– 500 Hz / 1000 – 2000 Hz	0,10 / 0,30					
Thickness tolerance [mm]:	- 3,0 mm; + 5 %					
Tolerance of length / width / squareness / flatness [mm]:	± 2,0 / ± 1,0 / ± 5,0 / < 6,0					
Hygiene class - the emission of formaldehyde	≤ 0,124 (determined ≤ 0,020); class E1					

Quality of produced boards is inspected by Factory Production Control supervised by MFPA Leipzig GmbH (NB 0800), in cooperation with the MPA BAU Muenchen (NB 1211).





FIBRO NATUR™ WR

Fibro Natur WR fiberboard is perfect as a material constituting the last component of the thermal insulation of roofs.

Hydrophobic protection makes the board a water-resistant material, which provides protection for the main insulating materials. Using a special tongue and groove system ensures that the board is sealed, thus preventing moisture penetration into the building interior.



Features:

- excellent protection of roof insulation against rain and snow
- very good sound insulation
- special cutting to improve tightness of the construction
- quick installation
- environment-friendly product



HYDROPHOBIC FIBREBOARD

Produced according to PN-EN 13171

MARKING:

WF-EN 13 171-T4-DS(70,-)2-CS(10\Y)100-TR30-WS 1,0-MU5-AFr 100

STANDARD DIMENSIONS:

580 x 2500 mm

OFFERED THICKNESSES:

18,0; 22,0; 35,0; 52,0; 60,0 mm

PHYSICO - CHEMICAL PROPERTIES OF BOARDS:

Parameter:	Value:
Density [kg / m ³]	> 250
Declared thermal conductivity λ _D [W / mK]	0,0500
Determined thermal conductivity λ _{mean} [W / mK]	0,0474 (*)
Steam diffusion resistance factor μ	dry conditions = 10 wet conditions = 5
Specific heat capacity c [J / kg x K]	2100
Absorption at short-period water immersion according to PN-EN 1609 [kg / m ²]	≤ 1,0
Compression strength [kPa]	> 100
Airflow resistance [kPa x s / m ³]	> 100
Flammability class according to DIN 4102	B2
Reaction to fire according to PN-EN 13 501-1	E
Sound absorption coefficient: frequency of 250- 500 Hz / 1000 - 2000 Hz	0,10/ 0,30
Thickness tolerance [mm]:	- 1,0: + 3,0
Tolerance of length / width / squareness / flatness [mm]:	± 2,0 / ± 1,0 / ± 5,0 / < 6,0
Tensile strength [kPa]	> 30

(*) - Refers to a thickness of 35,0 mm

Quality of produced boards is inspected by Factory Production Control supervised by MFPA Leipzig GmbH (NB 0800), in cooperation with the MPA BAU Muenchen (NB 1211).





FIBRO N^{ATUR}™ WALL



Fibro NaturWall fiberboard is designed for thermal insulation of walls.

The combination of high performance of the board insulation with a hydrophobic protection makes that the board is rated in the premium class of external insulation materials. Since the board is secured hydrophobically (water resistant), it is ideal for thermal insulation of walls under the plaster. Depending on requirements, the board is available with a simple or tongue and groove finish.

Features:

- excellent thermal insulation
- hydrophobic protection (water resistant)
- ability to match formats
- windproof barrier
- adjusts the microclimate in rooms

WALL LD SOFTBOARD

produced according to PN-EN 13171

MARKING:

WF-EN 13171-T4-DS.(70,-)2-CS(10/Y)40-TR2,5-WS 1,0-MU5-AFr 100

STANDARD DIMENSIONS:

Edge finish: tongue and groove

Net dimensions: 600 x 1200 / 2500 mm; gross dimensions: 610 x 1210 / 2510 mm

Thicknesses: 40; 60 mm

Edge finish: dull

Dimensions: 600 / 800 x 1200 mm, 1220 x 2440 mm, 1200 x 2500 mm

Thicknesses: 20; 40; 60; 80; 100; 120 mm

PHYSICO - CHEMICAL PROPERTIES OF BOARDS:

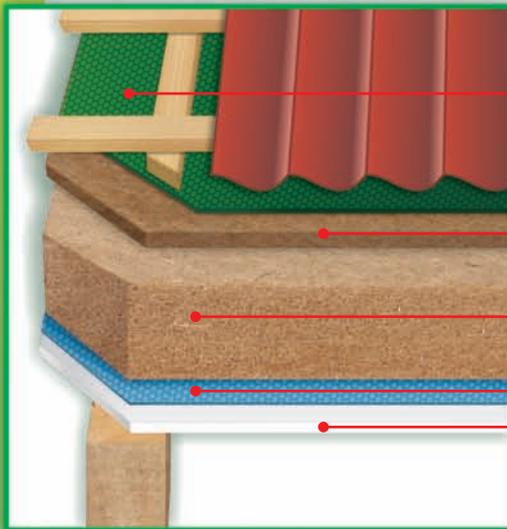
Parameter:	Value for thickness [mm]:					
	20,0	40,0	60,0	80,0	100,0	120,0
Density [kg / m ³]	170 ± 20					
Declared thermal conductivity λ _D [W / mK]	0,0410	0,0410	0,0420	0,0420	0,0420	0,0420
Determined thermal conductivity λ _{mean} [W / mK]	0,0391	0,0385	0,0387	0,0389	0,0389	0,0389
Declared thermal resistance R _D [m ² K / W]	0,4878	0,9756	1,4286	1,9048	2,3809	2,8571
Determined thermal resistance R _{mean} [m ² K / W]	0,5115	1,0389	1,5504	2,0566	2,5707	3,0848
Steam diffusion resistance factor μ	dry conditions = 10 wet conditions = 5					
Specific heat capacity c [J / kg × K]	2100					
Absorbability at short-period water immersion according to PN-EN 1609 [kg / m ²]	≤ 1,0					
Tensile strength [kPa] according to PN EN 1607	> 2,5					
Compression strength [kPa] wg PN EN 826	> 40					
Airflow resistance [kPa × s / m ³]	> 100					
Flammability class according to DIN 4102	B2					
Reaction to fire according to PN-EN 13 501-1	E					
Sound absorption coefficient: frequency of 250– 500 Hz / 1000 – 2000 Hz	0,10 / 0,30					
Thickness tolerance [mm]:	- 1,0 / + 3,0					
Tolerance of length / width / squareness / straightness [mm]:	± 2,0 / ± 1,0 / ± 5,0 / < 6,0					
Hygiene class - the emission of formaldehyde	≤ 0,124 (determined: ≤ 0,020); class E1					

Quality of produced boards is inspected by Factory Production Control supervised by MFPA Leipzig GmbH (NB 0800), in cooperation with the MPA BAU Muenchen (NB 1211).



FIBRO

NATURE IS

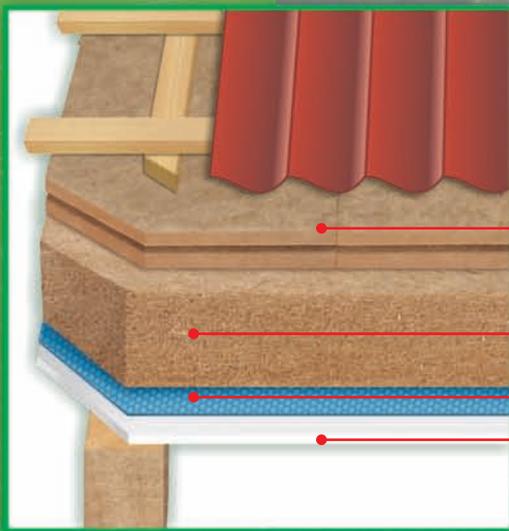


Insulating foil

Fibro Natur Standard

Fibro Natur Thermo

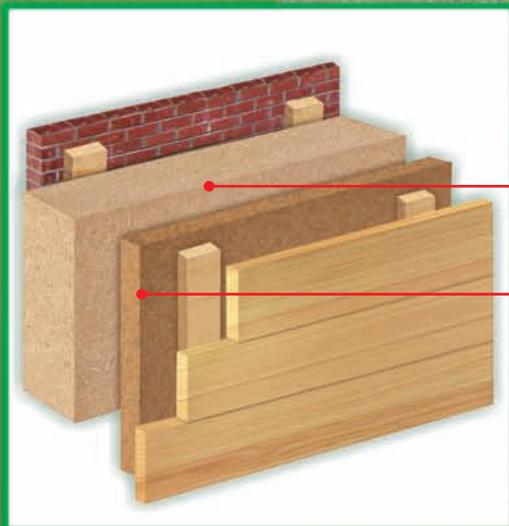
Insulating foil
Plasterboard



Fibro Natur WR

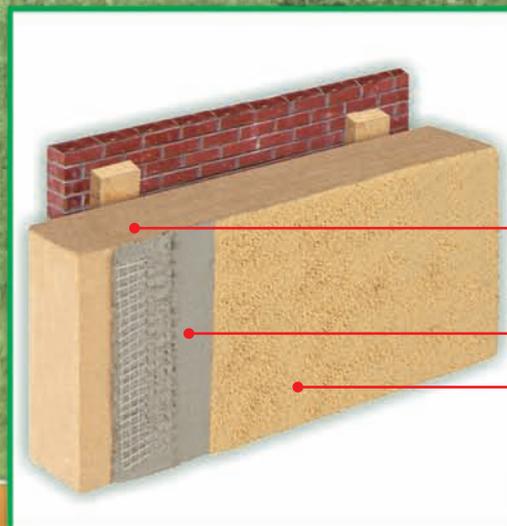
Fibro Natur Thermo

Insulating foil
Plasterboard



Fibro Natur Thermo

Fibro Natur Standard



Fibro Natur Wall

Mortar with a mesh

Plaster



TM

OUR HOME



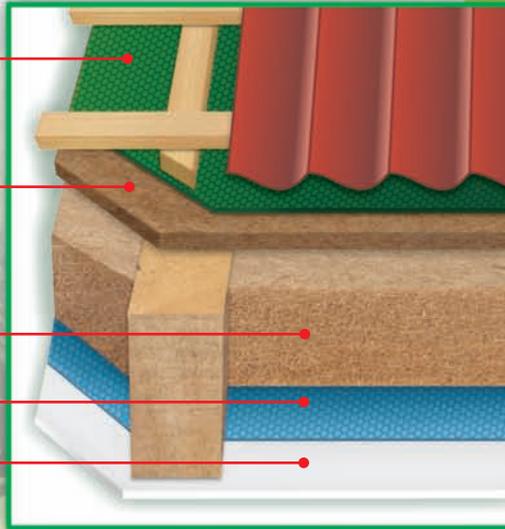
Insulating foil

Fibro Natur Standard

Fibro Natur Thermo

Insulating foil

Plasterboard

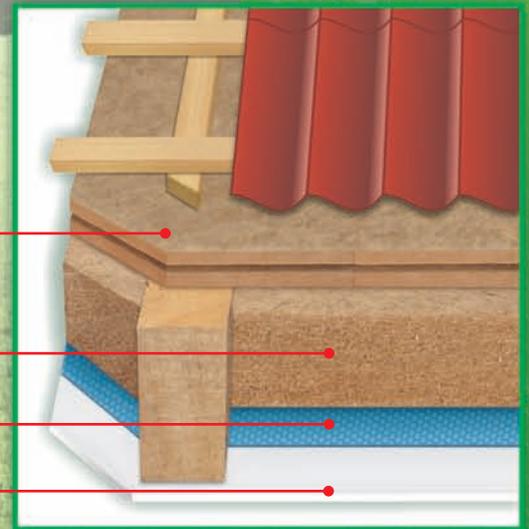


Fibro Natur WR

Fibro Natur Thermo

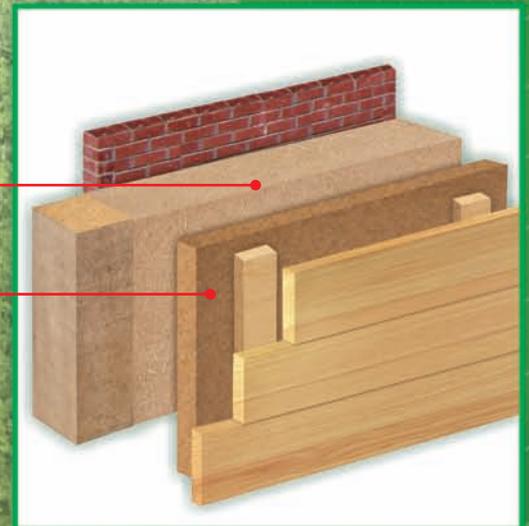
Insulating foil

Plasterboard



Fibro Natur Thermo

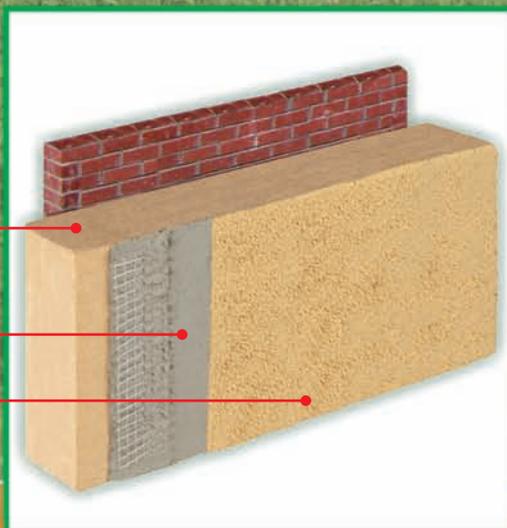
Fibro Natur Standard



Fibro Natur Wall

Mortar with a mesh

Plaster





IZOPANEL®

IZOPANEL® fiberboard is used in the floor structures as a material for thermal-acoustic insulation.

IZOPANEL® board has a very good impact sound attenuation coefficient, so that it is used as an excellent acoustic insulation material in residential and public buildings. Due to its characteristics, it thermally insulates and eliminates any unevenness in the base.



FEATURES:

- excellent sound insulation
- excellent thermal insulation
- eliminates base unevenness
- ease of installation
- ecologic materials



IZOPANEL®:

SB type is manufactured in accordance with PN-EN 13 986 and PN-EN 622-1, 622-4, in green or natural color.

STANDARD DIMENSIONS:

590 x 790 / 850 / 860 mm

OFFERED THICKNESSES:

5,5; 7,0; 8,0 mm

PHYSICO - MECHANICAL PROPERTIES:

Parameter:	Value:
Density [kg / m ³]	> 250
Static bending strength [N / mm ²]	> 1,5
Declared thermal conductivity λ_D [W / mK]	0,044
Impact sound attenuation coefficient ΔL_w [dB] (*)	19
Swelling after 2 h of soaking in water [%]	≤ 10
Humidity [%]	≥ 9
Flammability class according to DIN 4102	B2
Reaction to fire according to PN-EN 13 501-1	E
Thickness tolerance [mm]:	± 0,3
Tolerance of length / width / Squareness / straightness [mm / m]:	± 1,0 / ± 1,0 ± 1,0 / ± 0,7

(*) With the composition from laminated floor panels based on HDF fiberboards with a thickness of 7-8 mm.





PRODUCTS ON REQUEST

At the request of our customers we can offer fiberboard, namely hardboard and softboard subjected to further treatment.

Fiberboard has a wide range of applications. In many cases, our customers may need a personalized product and have additional requirements beyond the scope of the standard offer.

For us, every customer is important, so we are prepared to supply non-standard products.



Our strong points:

- individualized approach
- wide range of options
- machine stock allowing the implementation of custom orders

CUTTING TO SIZE

A format other than the standard one is often required. On request therefore, we cut the boards to specified dimensions.

MILLING

It is possible to provide tongue and groove in softboard and so offer a unique partitioning system.

GRINDING

In cases where special surface quality is required, it is possible to regrind any board surface.

CALIBRATING

When a customer requires strict thickness tolerances, we can offer board calibration.

CORNER CUTTING

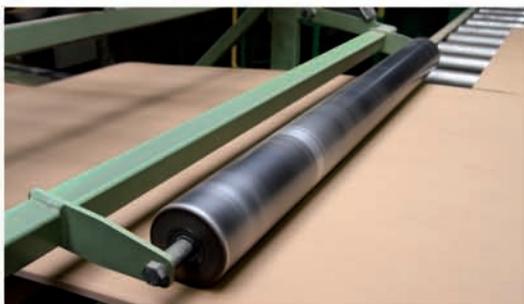
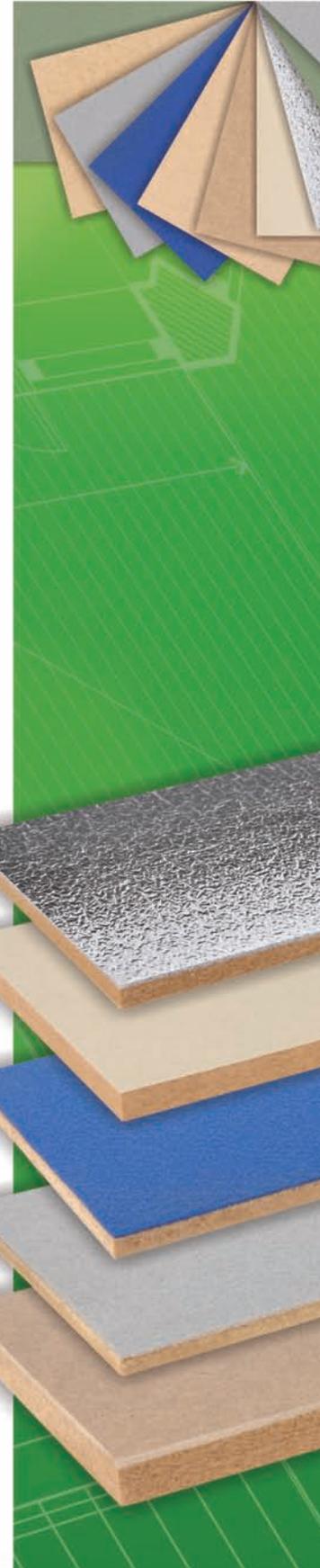
On request, we cut corners in hardboard.

COVERING WITH PAPER, CORK, FELT OR FOIL

Special application of the boards may require facing the board surface with paper, film, felt or cork, thus offering a special product.

COLOURING

On request, we can offer coloured fiberboard in an agreed colour, which makes the boards take on an individual character.





HARDBOARD

Hardboard is the general purpose board.

Due to its properties, the board is used in various industries. Hardboards are most widely applied in the furniture, packaging, automotive and steel industry.



Features:

- universal application
- high strength
- high flexibility
- natural constituents
- known and popular on the market from many years



HARDBOARD

HB type, manufactured in accordance with PN-EN 13 986 and PN-EN 622-1, 622-2

STANDARD DIMENSIONS:

1220 / 1610 x 1830 / 2140 / 2440 / 2750 / 3050 mm

OFFERED THICKNESSES:

2,0; 2,4; 2,8; 3,0; 3,2; 4,0; 5,0; 6,0; 6,4 mm

PHYSICO - CHEMICAL PROPERTIES OF BOARDS:

Specification:	Value for nominal thickness range [mm]:		
	2,0 - 3,5	3,5 - 5,5	5,5 - 6,4
Density [kg / m ³]	≥ 900		
Static bending strength [N / mm ²]	> 30,0	> 30,0	> 25,0
Humidity contents [%] (*)	4-9		
Swelling after 24 h of soaking in water [%]	< 37,0	< 30,0	< 25,0
Reaction to fire according to PN-EN 13 501-1	E		

(*) – the level of humidity refers to boards at the moment of leaving the factory.





PAINTED HARDBOARD

The board is designed for professional applications in the furniture industry.



Features:

- special application
- high flexibility
- possibility to adjust the color to customer requirements

COLORS:

White, gray, and others depending on customer requirements.

STANDARD DIMENSIONS:

1220 x 2440 / 2750 mm

OFFERED THICKNESSES:

2,4; 3,0 mm

PHYSICO - MECHANICAL PROPERTIES OF BOARDS:

Parameter:	Value:
Density [kg / m ³]	> 900
Static bending resistance [N / mm ²]	> 30
Humidity content [%]	4-9
Swelling after 24 h of soaking in water [%]	< 37
Reaction to fire according to PN-EN 13 501-1	E

PERFORATED HARDBOARD

The board used for specialized applications in the furniture and building industry.



Features:

- precise perforation
- high flexibility
- natural constituents

PERFORATION:

Hole diameter of 5 mm with 25 mm spacing.

PERFORATED HARDBOARD:

HB type, manufactured in accordance with PN-EN 13 986 and PN-EN 622-1, 622-2

STANDARD DIMENSIONS:

1220 x 2440 / 2750 mm

OFFERED THICKNESSES:

2,4; 3,0 mm



LOGISTICS INFORMATION – PACKING METHOD

Below is detailed information on how to package the most popular formats.

Fibro Natur Standard

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	6,0	1,200	2,500	180	540,0	20	3600	10 800,00	64,80
2	7,0	1,200	2,500	150	450,0	20	3000	9 000,00	63,00
3	8,0	1,200	2,500	130	390,0	20	2600	7 800,00	62,40
4	9,5	1,200	2,500	110	330,0	20	2200	6 600,00	62,70
5	12,0	1,200	2,500	90	270,0	20	1800	5 400,00	64,80
6	15,0	1,200	2,500	70	210,0	20	1400	4 200,00	63,00
7	19,0	1,200	2,500	60	180,0	20	1200	3 600,00	68,40
8	20,0	1,200	2,500	58	174,0	20	1160	3 480,00	69,60
9	25,0	1,200	2,500	45	135,0	20	900	2 700,00	67,50

Fibro Natur Thermo

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	20	0,600	1,200	116	83,5	44	5 104	3 674,88	73,50
2	20	0,800	1,200	58	55,7	66	3 828	3 674,88	73,50
3	40	0,600	1,200	56	40,3	44	2 464	1 774,08	70,96
4	40	0,800	1,200	28	26,9	66	1 848	1 774,08	70,96
5	60	0,600	1,200	38	27,4	44	1 672	1 203,84	72,23
6	60	0,800	1,200	19	18,2	66	1 254	1 203,84	72,23
7	80	0,600	1,200	28	20,2	44	1 232	887,04	70,96
8	80	0,800	1,200	14	13,4	66	924	887,04	70,96
9	100	0,600	1,200	22	15,8	44	968	696,96	69,70
10	100	0,800	1,200	11	10,6	66	726	696,96	69,70
11	120	0,600	1,200	20	14,4	44	880	633,60	76,03
12	120	0,800	1,200	10	9,6	66	660	633,60	76,03

Fibro Natur WR

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	18,00	0,580	2,500	120	174,0	20	2 400	3 480,00	62,64
2	22,00	0,580	2,500	100	145,0	20	2 000	2 900,00	63,80
3	35,00	0,580	2,500	60	87,0	20	1 200	1 740,00	60,90
4	52,00	0,580	2,500	40	58,0	20	800	1 160,00	60,32
5	60,00	0,580	2,500	36	52,2	20	720	1 044,00	62,64

Fibro Natur Wall

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	20	0,600	1,200	116	83,5	44	5 104	3 674,88	73,50
2	40	0,600	1,200	56	40,3	44	2 464	1 774,08	70,96
3	60	0,600	1,200	38	27,4	44	1 672	1 203,84	72,23
4	80	0,600	1,200	28	20,2	44	1 232	887,04	70,96
5	100	0,600	1,200	22	15,8	44	968	696,96	69,70
6	120	0,600	1,200	20	14,4	44	880	633,60	76,03

Izopanel

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	5,5	0,590	0,790	750	349,6	33	24 750	11 535,98	63,45
2	7,0	0,590	0,790	600	279,7	33	19 800	9 228,78	64,60
3	8,0	0,590	0,790	510	237,7	33	16 830	7 844,46	62,76

Płyta pilśniowa twarda

No	Thickness [mm]	Width [m]	Length [m]	Pieces / pallet	m ² / pallet	pallet/semi-trailer	pieces/semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	2,0	1,220	2,440	200	595,36	21	4 200	12 502,56	25,01
2	2,4	1,220	2,440	150	446,52	24	3 600	10 716,48	25,72
3	2,8	1,220	2,440	150	446,52	20	3 000	8 930,40	25,01
4	3,0	1,220	2,440	150	446,52	19	2 850	8 483,88	25,45
5	3,2	1,220	2,440	150	446,52	18	2 700	8 037,36	25,72
6	4,0	1,220	2,440	120	357,22	18	2 160	6 429,89	25,72
7	5,0	1,220	2,440	100	297,68	18	1 800	5 358,24	26,79
8	6,0	1,220	2,440	80	238,14	18	1 440	4 286,59	25,72
9	6,4	1,220	2,440	80	238,14	17	1 360	4 048,45	25,91

The given method refers to packing on a standard semi-trailer. It can vary depending on the given semi-trailer, rules determining the allowable weight and customer requirements. It is possible to determine the individual packaging. If you have additional questions, please contact us by email or phone.





FIBRIS S.A.

ul. Ofiar Katynia 17
37-700 Przemysł
Phone: + 48 (16) 675 96 01
Fax: + 48 (16) 678 04 41
POLAND

sekretariat@fibris.pl
biuro@fibris.pl

SALES DEPARTMENT

Domestic market:
Phone: +48 (16) 675 97 12
European market:
Phone: + 48 (16) 675 97 10
+ 48 (16) 675 96 85
Oversea markets:
Phone: + 48 (16) 675 96 86
Logistics:
Phone: + 48 (16) 676 03 40
+ 48 (16) 675 96 90
fax: +48 (16) 675 96 87

marketing@fibris.pl
sale@fibris.pl

distributor seal: