

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.

- 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

The quality of the produced board is monitored by factory production control. Type tests are performed in cooperation with MFPA LEIPZIG.

STANDARDS:

Produced according to PN-EN 13171

MARKING:

WF – EN 13 171 – T4 – DS (70,-)2 – CS (10V)100
– TR 30 – WS 1,0 – MU 5 – AFr 100

STANDARD DIMENSIONS

Edge finish - tongue and groove:

580 x 2500 mm

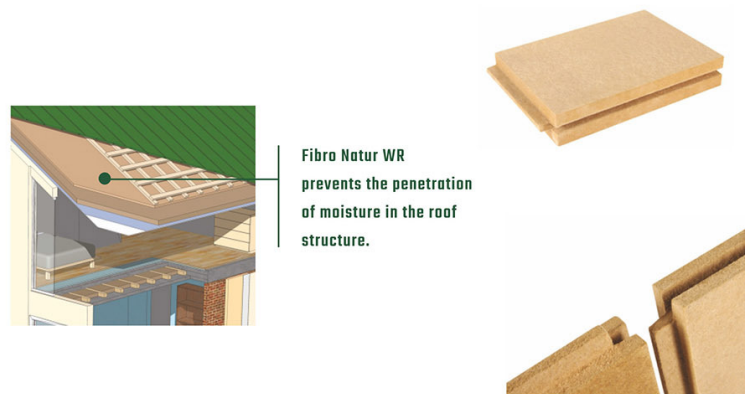
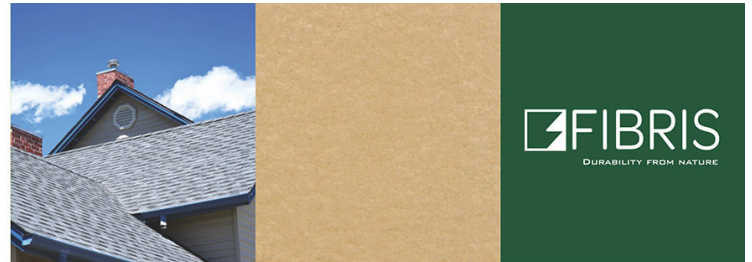
OFFERED THICKNESSES:

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

Physico-mechanical properties of boards

Parameter:	Value:
Density [kg/m ³]	270 ± 20
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] according to PN-EN 826	> 250
Tensile strength [kPa] according to PN-EN 1607	> 30
Airflow resistance [kPa · s / m ³]	> 100
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

(*) – Depending on the board thickness



Logistics information – packing method

No	Thickness [mm]	Width [mm]	Length [mm]	Pieces / pallet	m ² / pallet	pallet / semi-trailer	Pieces / semi-trailer	m ² / semi-trailer	m ³ / semi-trailer
1	18,0	580	2500	120	174	20	2400	3480	62,64
2	22,0	580	2500	100	145	20	2000	2900	63,80
3	35,0	580	2500	60	87	20	1200	1740	60,90
4	52,0	580	2500	40	58	20	800	1160	60,32
5	60,0	580	2500	36	52,2	20	720	1044	62,64



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