

IZOPANEL®

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

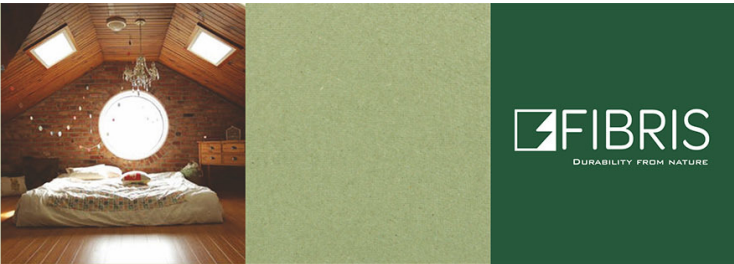
- excellent sound insulation,
- excellent thermal insulation,
- eliminates base unevenness,
- ease of installation,
- ecologic materials.

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

**STANDARDS:**  
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



IZOPANEL works well during assembly floor panels.

Physico-mechanical properties of boards

Parameter:	Value:
Density [kg/m3]	> 250
Static bending strength [N/mm2]	> 1,5
Declared thermal conductivity $\lambda_D$ [W/mK]	0,05
Impact sound attenuation coefficient $\Delta L_{W}$ [dB] (+)	19
Swelling after 2 h of soaking in water [%]	$\leq 10$
Humidity [%]	4 - 9
Reaction to fire according to PN-EN 13 501-1	E
Thickness tolerance [mm]:	$\pm 0,3$
Tolerance of length / width / Squareness / straightness [mm/m]	$\pm 1,0 / \pm 1,0 / \pm 1,0 / \pm 0,7$

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

Logistics information – packing method

No	Thickness [mm]	Width [mm]	Length [mm]	Pieces / pallet	m2 / pallet	pallet / semi-trailer	Pieces / semi-trailer	m2 / semi-trailer	m3 / semi-trailer
1	5,5	590	790	750	349,57	33	24750	11535,97	63,45
2	7,0	590	790	600	279,66	33	19800	9228,78	64,60
3	8,0	590	790	510	237,71	33	16830	7844,46	62,76

