

# Millboards

Product	Teplota	$\lambda$ at 400°C W/m.K	Thermal loss at 800 °C	Density in kg/dm <sup>3</sup>	Colour	Dimensions in mm	Thickness in mm	Packaging	Use
<b>Nefalit BIO</b>	1200 °C	0,12	≅ 15 %	1,10	Blue	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10	On pallets (shrink wrap)  Boxes 50 or 100 kg each	No harmful fibres. No ceramic fibres. Group 3 (IARC), the fibres in this new product allow the product to be used in the same applications as Nefalit 5, 7, 11 or 16 without any risks.
<b>Nefalit 5</b> - composition: artificially produced mineral fibres	750 °C	0,15	≅ 14 %	0,95	Yellow-beige	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10-12	On pallets (shrink wrap)  Boxes 50 or 100 kg each	In heating furnaces, in steel and metallurgical industries, in non-ferrous metal industry and other industries such as the power sector, heating sector, chemical, pharmaceutical, airplane, automotive and sea ship industries.
<b>Nefalit 7</b> - composition: artificially produced mineral fibres	850 °C	0,10	≅ 15 %	0,85	Grey-beige	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10-12	On pallets (shrink wrap)  Boxes 50 or 100 kg each	Heat shields, fire protection, internal surface finishing of industrial furnaces (low thermal conductivity). The material may be coated with an alu layer against steam and thermal radiation. Other uses as with Nefalit 5.
<b>Nefalit 11</b> - composition: wollastonite fibres	1100 °C	0,12	≅ 13 %	1,10	Yellow	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10-12	On pallets (shrink wrap)  Boxes 50 or 100 kg each	Protection against electric discharges: burners, heaters, dryers, valves.
<b>Nefalit 16</b> - složení: ceramic fibres	1200 °C	0,16	≅ 15 %	1,00	Pink	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10-12	On pallets (shrink wrap)  Boxes 50 or 100 kg each	Insulation for electrical equipment and household appliances, welding protection, heat insulation (flange gaskets), insulation reinforcement in buildings (doors, electric chambers, safes). Application in all industries.

The tools used to process the boards are similar to those serving to machine wood. The boards can be drilled through as well as cut. They can also be glued together.

The board thickness tolerance is  $\pm 10\%$ .  
Non-standard sizes as required.

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<b>Millboard 1100B</b> - composition: mineral fibre based	1000 °C	0,12	≅ 15 %	1,00	White	1000 x 1000 (2000 x 1000 if required)	2-3-4-5 6-8-10-12	On pallets (shrink wrap)  Boxes 50 or 100 kg each	In all industries, very good mechanical strength at medium temperatures.
<b>Nefacier 1500</b> - composition: ceramic fibres	1500 °C	0,12	≅ 12 %	0,90	Grey	1000 x 1000 (2000 x 1000 if required)	5	On pallets (shrink wrap)  Boxes 50 or 100 kg each	Used for surface finishing of conveyor belts for furnaces in the steel industry.
<b>Tematherm 1200</b> - composition: ceramic fibres	1200 °C	0,13 / 600°C	–	0,39	White	1000 x 610 1250 x 1000	2-3-4-5 6-8-10-12 15-18-20 25-30-40 50-60-75	On pallets (shrink wrap)	Used as high-temperature lining of various furnace types, as solid refractory sealing and closures, heat shields and gas boiler combustion chamber lining.

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The board thickness tolerance is ±10%.  
Non-standard sizes as required.

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All data stated in this catalog are of informative character.