



Mykilio

Material data sheet
Mycelium-based composite

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Basic Information

A material based on mushroom mycelium, or mycocomposite, is a natural, upcycled material made from sawdust and mycelium. Due to its moldability, natural origin, and unique appearance, it finds wide application in interior design. This innovative material not only provides functional and aesthetic value but also contributes to sustainability and environmental responsibility in modern design.

Our panels are intended for indoor use and are not suitable for outdoor use. They must not be exposed to direct external influences, such as rain. The panels are not load-bearing and no additional objects should be installed or hung on them.

Technical parameters

Diffusion resistance factor μ	36	ČSN EN 12086
UV sensitivity	Excelent: gray 5/5, scale of blue >6	ČSN EN 15187
Thermal conductivity	0,0539 (W/m.K) (28,6 mm)	ČSN EN 12664
Compressive strength	136 kPa	ČSN EN 826
Determination of dimensional changes	40°C/70% r.v.: <1,2 % 70°C/90% r.v.: <1,5 %	ČSN EN 1604
Flexural strength	0,24 MPa	ČSN EN 15534-1 +A1
Deformation on breaking	10,5 mm	ČSN EN 15534-1 +A1
Density	230 kg/m ³	ČSN EN 1602
impact resistance	10-200 mm: no signs of damage	ČSN EN 15534-1 +A1
Fire-proof	E	ČSN EN 13501-1