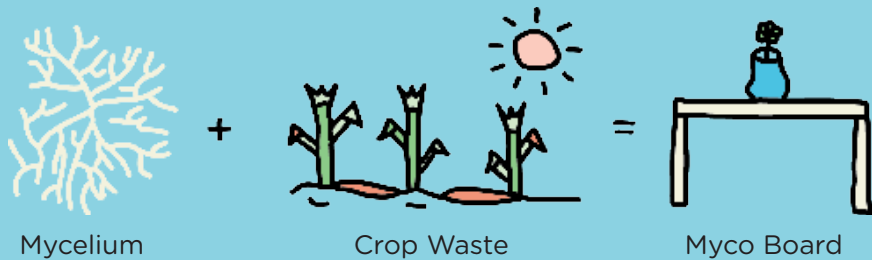


GROWN, NOT GLUED

Myco Board



Rapidly Renewable
Biobased
Tree-Free
No Formaldehyde or VOCs
High Screwhold Strength
Compostable

Flat Myco Board

Myco Board combines the benefits of honeycomb and particleboard into one, more functional product. This core material can be produced at several densities and is strong enough to hold fasteners at any point, with superior strength to weight ratios compared to MDF. Myco Board can be grown into wood veneers, entirely avoiding glue. And because it's grown with agricultural waste and without synthetic resins, Myco Board is healthy for people, and better for our planet.



Molded Shapes

Not only is Myco Board healthier and lighter than MDF, it can also be molded into shapes. This means your product and process designs can break free of the confines of a rectangle, without generating the dust and waste of milling with CNC routers. This approach builds on the same technology that powers our Mushroom® Packaging platform, and grows strong, durable and natural materials in almost any shape.



Performance Specifications

Metric	Standard	Ecovative
Flatness/Squareness	ASTM D1037, EN 324	0.02 in/ft
Density	ASTM C303, EN 323	42.74 lbs/ft ³
Modulus of Elasticity	ASTM D1037, EIN 310	776649 psi
Flexure Strength	ASTM D1037, EIN 310	2772.44 psi
Screw Withdrawal	ASTM D1037	110 lbf
Core Shear	ASTM D143, EN 319	55 lbf
Fire Resistance	ASTM E84	Class A
Formaldehyde Emission	ASTM E1333 CARB Phase II	0.01-0.03 ppm < 0.04 µg/m ²



Ecovative uses fungi to grow revolutionary materials and products. These environmentally responsible Mushroom Materials are high performance and cost effective. At the intersection of ecology and innovation, we're producing materials for a sustainable future.

Performance properties are based on test samples manufactured by Ecovative. These results may change as materials are further developed. Ecovative's Mushroom® Materials are protected by issued and pending patents. Mushroom® is a registered trademark of Ecovative Design, LLC. To date, Mushroom® Materials are Cradle to Cradle Certified™ Gold. Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.



70 Cohoes Avenue
Green Island, NY, 12180
USA, Earth
ecovatedesign.com
518 273 3753