

A close-up photograph of several vibrant green cannabis leaves with serrated edges, set against a dark, blurred background. The lighting highlights the texture and veins of the leaves.

rocken  
hausen.

Organi**Q**

# materials.

**78 percent natural fibres.** Equal quantities of hemp and kenaf, 22 percent cross-linking duroplastic binding agent, which is water-based and formaldehyde and phenol-free. The result is the environmentally-friendly composite material OrganiQ.





# sustainability.

**An innovative material uses resources that protect the regenerative capacity of humans and the environment.** OrganiQ is based on grasses, which grow very quickly on arid, relatively unproductive land and absorb a great deal of carbon dioxide. The fleece mats made from the plant fibres come from a regional supplier, which is based less than 25 km (15 miles) away from Rockenhausen.





# quality.

**From the material to production and through to recycling** – when developing OrganiQ alongside the Institute for Composite Materials at the Technical University of Kaiserslautern, the focus was on the entire process chain. This was the perfect basis for manufacturing OrganiQ using existing machinery at Holzwerk Rockenhausen, in accordance with our own strict quality criteria.



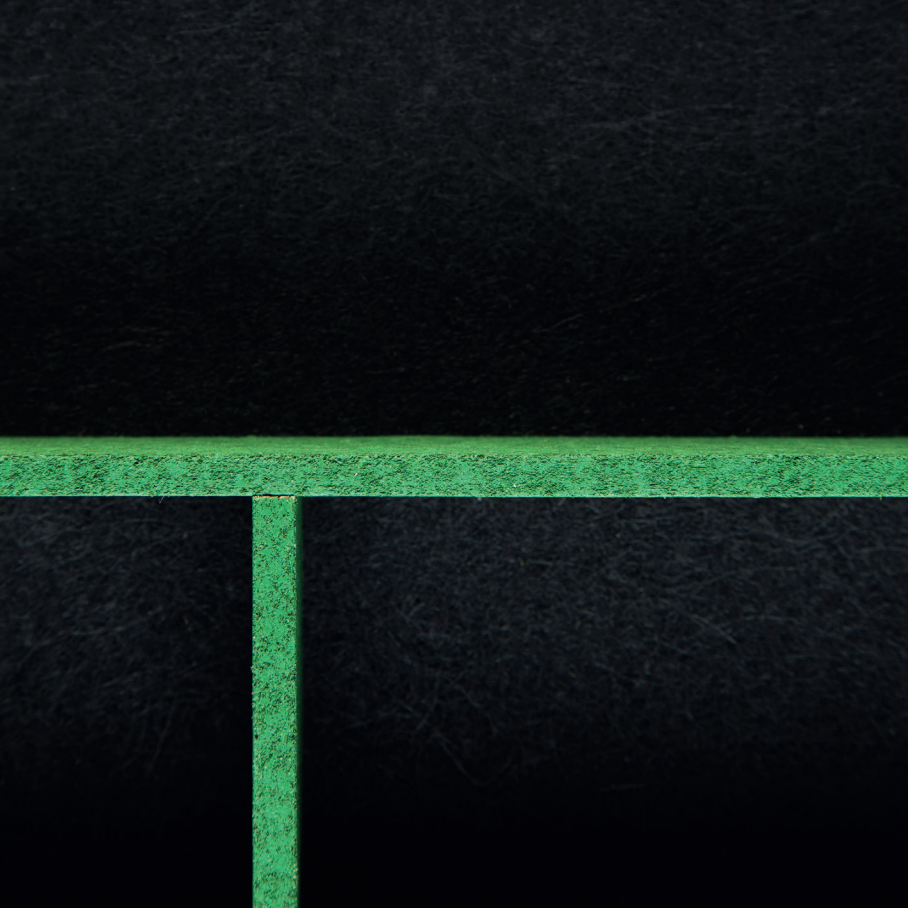




## hemp.

**Hemp is one of the oldest and most versatile plants cultivated by humankind.** Its deep and powerful taproots with many lateral branches and tendrils ensure intense penetration of the soil. The advantage of these fibres is that they offer very high resistance to wear and tear – the products have an impressively long service life; they can be recycled and reused.







# kenaf.

**Hibiscus cannabinus or kenaf is characterised by rough, hairy stems and lobed leaves.** This fibre plant of the mallow family is similar to jute, although it contains less lignin, making it less sensitive to light. Kenaf has good tensile and elastic properties and a low weight. The lightweight fibres improve the stiffness and heat resistance of products.





**MIX**

Papier aus verantwortungsvollen Quellen

**FSC® C145457**

**Holzwerk Rockenhausen GmbH & Co. KG** • In der Wesbach 5 • 67806 Rockenhausen • Germany  
Phone: +49 (63 61) 92 32-0 • Mail: [info@rockenhausen.com](mailto:info@rockenhausen.com) • [www.rockenhausen.com](http://www.rockenhausen.com)