

GREEN-CORE

ISOWOODCORE

#1
on the market

Skiing as a social, sporting activity in an alpine setting and sustainably managed nature. This is the hobby loved by skiing enthusiasts!

In order to give the concept of sustainability and the increasing demand for sports equipment produced in an environmentally friendly way the attention they deserve, ISOSPORT set out to make an important contribution.

The future of ski construction will involve component production using renewable or recycled materials. With its Green-Line, ISOSPORT will assume precisely that responsibility and develop selected components specifically in terms of sustainability.

Our Green-Core woodcore line marks the beginning because wood, as an original eco-material, plays a central role in producing the ski in a more environmentally friendly way and marketing it accordingly - a renewable raw material of FSC®-certified quality for outstanding products and satisfied end customers.

Join us and let's make a contribution together.

Save the Planet!

GREEN-CORE

THE GREEN HEART OF THE SKI

- Exclusive use of FSC® 100% certified wood
- Wood from European forests - produced in the EU
- Environmentally-friendly glue and low glue amount – pure nature
- Use of recycled materials
- Waste recycling
- Improvement of the overall environmental balance of the ski
- ISOSPORT is ISO 14001:2015 certified



SUSTAINABLE MATERIAL

FOR CUSTOMERS AND THE ENVIRONMENT

Exclusive use of FSC® 100% certified wood in the Green-Core

The Forest Stewardship Council® (FSC®) is a global not-for-profit organization dedicated to promoting environmentally sound, socially beneficial and economically prosperous management of the world's forests. The Forest Stewardship Council® (FSC®) helps take care of forests and the people and wildlife who call them home.

By using FSC®-certified products you can keep your life full of forest products while keeping our forests full of life.

Please visit www.fsc.org for further information.



Das Zeichen für verantwortungsvolle Waldwirtschaft
FSC® C008185

Environmentally-friendly glue and minimisation of the glue amount

In particular, environmentally-friendly PVAc glue is used. The solid wood construction of the Green-Core requires fewer glue joints than, for example, a veneer core and the glue amount is kept to a minimum - pure nature.

Our glue is free of formaldehyde, a substance that has been classified as carcinogenic. Also available with a certificate for the emission levels (correspond to AgBB and GEV EC1Plus – very low emissions).

Use of recycled materials

If the area of application requires it, the wood can be combined with other materials. However, recycled materials are used exclusively for the Green-Cores, such as e.g. light PET foam from recycled plastic bottles.

ISO 14001 environmental certificate

ISOSPORT has met all requirements and has been ISO 14001:2015 certified since 2020.

Improvement of the overall environmental balance of the ski

A high-quality woodcore can perform many tasks in the ski. More stable cores with a high modulus of elasticity and good compressive strength allow savings on the other reinforcement materials. This can improve the environmental balance of the ski.

Wood from European forests. Production in the EU

Transport routes should be kept as short as possible and the CO2 footprint should be minimised.

Waste recycling

Every part of the tree is used, hence there is no waste from the renewable raw material wood in the true sense. Even the sawdust is used for energy production and processed into pellets.

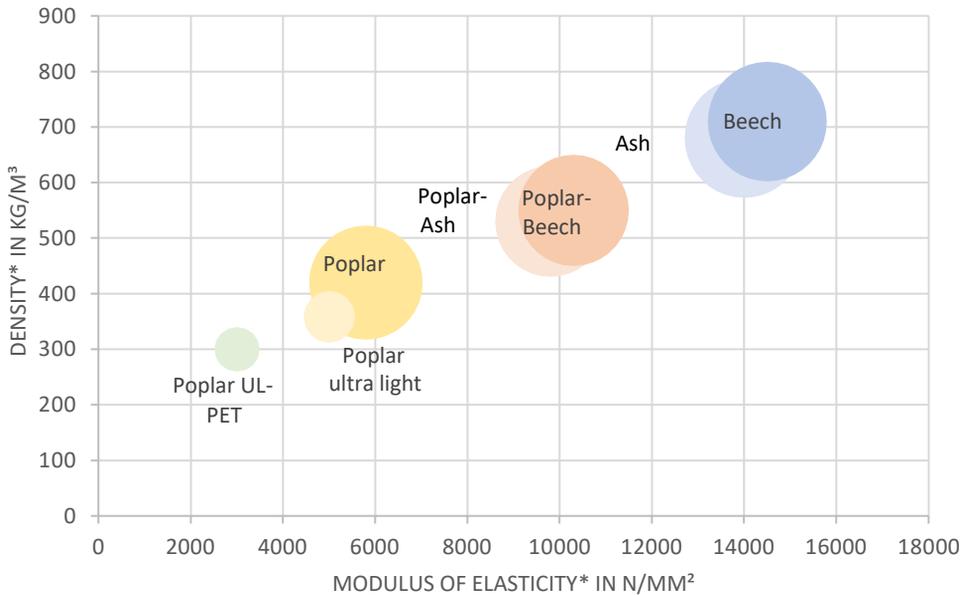
Available wood types for the Green-Core:

Poplar, Beech, Ash

Recycled material:

E.g. recycled PET foam especially for lightweight cores

Stability-Density Diagram



* Density and modulus of elasticity are approximate values

Both the weight and the mechanical properties of the Green-Core can be adapted to the respective ski types. This is still done by choosing suitable wood types and materials or by checking and sorting the wood density.

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THE GREEN HEART OF THE SKI



ISOSPORT
INNOVATIVE PLASTICS SOLUTIONS

MEMBER OF *Constantia* INDUSTRIES