



ISOWOOD GMBH

Foundation

- 1997

Turnover

- 8 million €

Employees

- 25

Branches

- Automotive Industry

Key materials

- Natural fibers and PP-fibers

Key products

- Malleable non-woven mats



Since 1998 Isowood is producing in Rudolstadt/Germany malleable mats made of natural and synthetic fibers. In that way we are supporting a sustainable economy. Primary market is the automotive supply industry and similarly sophisticated sectors. With these products Isowood takes a leading position among the competition.

All natural fiber products are mainly made of Flax, Hemp or Kenaf, but the customers can choose other natural fibers like Abaca, Cotton, Coco, Sisal or other mixtures too. The natural fibers are combined with thermoplastic fibers and needled, sometimes, if it is necessary, a light weight fibrous web can be needle on top.

Isowood currently has expanded the capabilities with a glass fiber/polypropylene production line. It completes our portfolio with new special products.

All these products are pressed by the customers with forming tools and laminated. The results are high class carrier materials for different applications like door panels, door inserts, boot side panels and others.

We are running a laboratory too, where we can do all important tests on materials and components for ourselves.

This means Isowood is a competent partner in product development to meet the specific demands of the special project.



Non-woven facility



Heating an molding press



Door panel made of natural fiber/PP



Natural fiber/PP-parts with thermal transfer printing

iSOWOOD performance parameters:

- Production area: 5,200 m²
- Maximum production capacity natural fiber mat: 1,000 kg/Bh

Specific product weights w/o interface:

- Natural fiber 800 g/m²–2,400 g/m²
- Produced width: 3,000 mm
- Maximum single format: width 2,200 mm/length 2,400 mm

... or on demand as a stamping part

- Maximum stamping size: width 2,200 mm/length: 1,980 mm

Heating and Molding press:

- Pressure force: 150 t
- Maximum size: width 1,100 mm/length: 1,400 mm

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