

Discover the malleable mat for compression moulding

Hemp



Flax



Kenaf



Jute



Natural fibres are the main components of iSOWOOD products.

The malleable mats for compression moulding are produced according to customer's specification in individual thicknesses and composition and consist of annual plant fibres like hemp, flax, kenaf and jute mixed with thermoplastic fibres. They can be needed with an additional nonwoven if necessary.

FROM RAW FIBRES INTO YOUR CAR

Fibre



Natural fibre mat



Natural fibre mat with needed nonwoven



DOOR PANEL WITH DECOR AND MOUNTING PART



Finished door side
(inner side)



Finished door side
(backside)



Pressed mat
(backside)

SUSTAINABLE PARTNERSHIP

Supporting the goal of sustainable economy isowood products are made of renewable materials and make them a shining example of environmentally friendly industry production.



Features

- Light weight
- High acoustic absorption
- High stability
- Excellent haptic



Safety

- Excellent crash performance
 - No split propensity
 - Dimensional stability



Processing

- Shelf-life of several months
- Compressible without pre-treatment
- Vacuum lamination possible
 - Paintable
- High-frequency weldable
- Receptive to adhesive

➤ Possible application areas

- 1 | Coverings in the rear-end area
- 2 | Boot covering

- 3 | Door panel and side panel

- 4 | Backrests
- 5 | Dashboards



➤ Your advantages

- Easy manufacturing of tools
- Short project times
- Small investment
- Short press cycle



Certificated

ISO/TS 16949:2009
and ISO 9001:2008

iSOWOOD products meet the high quality assurance standards for the automotive industry.



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