

FINDEISEN
nadelvlies

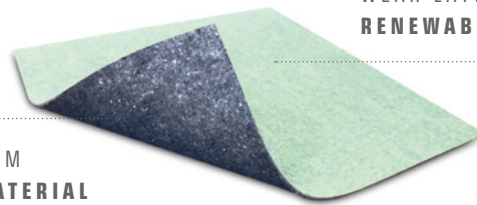


FINETT DIMENSION
sustainable & modular



RENEWABLE RAW MATERIALS & 100 % RECYCLING MATERIAL

The patented design of FINETT **DIMENSION** combines renewable raw materials and recycled material to create a unique needlefelt floor covering. Castor oil is the renewable raw material to which FINETT **DIMENSION** owes its special properties.



WEAR LAYER MADE FROM
RENEWABLE RAW MATERIALS

TEXTILE BACKING FROM
100 % RECYCLING MATERIAL



Dimensionally stable without heavy backing

Thanks to the patented manufacturing process, FINETT **DIMENSION** remains absolutely dimensionally stable even without a heavy coating.



Renovation during operation

Since the subfloor does not have to be extensively reworked during replacement, installation within a room can be carried out in partial steps and very quickly.



Easy Fix installation

FINETT **DIMENSION** is installed with a tackifier. So, modules can be easily removed, if necessary. Permanent bonding is not needed.



Simple replacement

Individual modules or entire areas can be easily replaced. The subfloor remains ready for installation.



FROM CASTOR OIL TO SUSTAINABLE FLOORING

The FINETT **DIMENSION** wear layer consists of special polyamide fibres (PA 6.10) whose main raw material is castor oil.



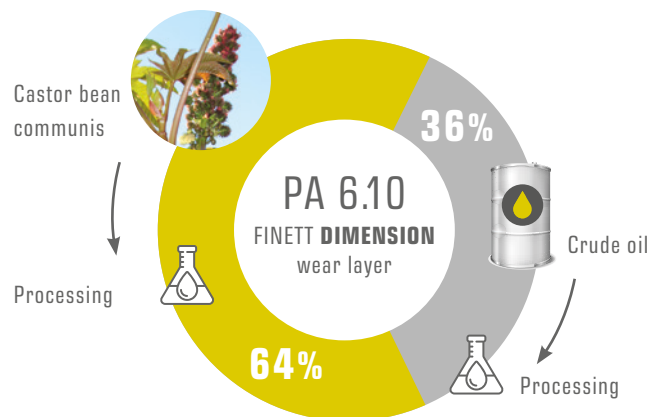
Made from renewable
raw materials



With low CO₂
emissions



From non-food and
non-intensive agriculture



GER

Polymer: 157,6

Fibres: 183,9

Gross Energy Requirement

The GER is the total amount of primary energy from renewable and non-renewable resources needed to produce 1 kg of the analysed product. The GER value can be divided into the GERs for renewable and non-renewable resources.

Unit: MJ-Equivalent

GWP

Polymer: 5,44

Fibres: 12,2

Global warming potential

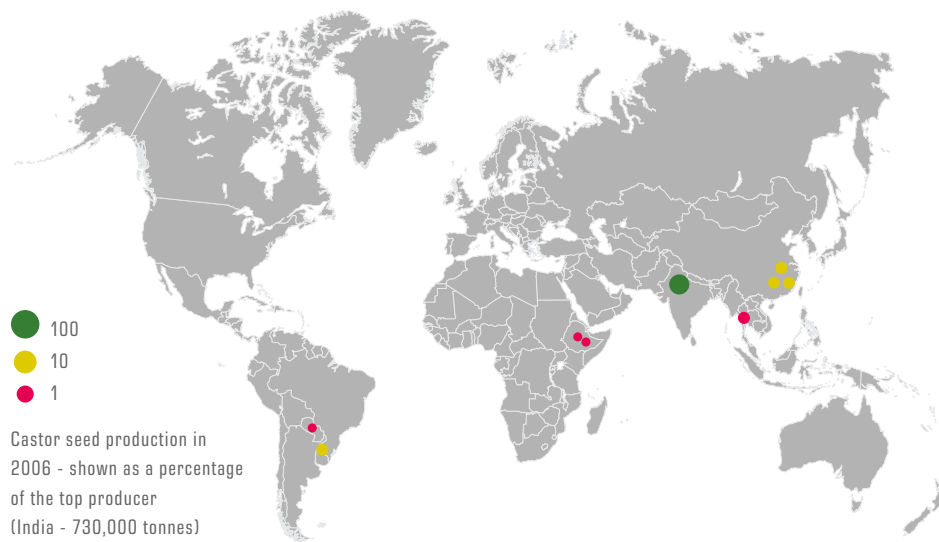
is the total global warming effect, expressed in kg CO₂ equivalents, caused by the production of 1 kg of the analysed product. GWP 100 is the GWP value calculated over a period of 100 years.

Unit: kg CO₂-Equivalent

THE MIRACLE TREE AS SOURCE OF RAW MATERIALS

The castor oil plant - also called the miracle tree - is a fast-growing tropical plant that bears its first fruits after only one year. Since the castor oil plant can survive up to 4 weeks without water, it is mainly planted in dry areas in India and China that are not suitable for food production. Castor bean cultivation provides a steady income for many small farmers and family farms in India and China.

The seeds of the castor bean plant are very poisonous and the castor bean leaves have an insecticidal effect. In addition, the plant is otherwise very frugal and requires little water. When growing castor beans, farmers can therefore generally do without insecticides, fertilisers and artificial irrigation. After heat inactivation of the toxic ricin, the press residues from oil extraction are a good organic fertiliser and a nutritious animal feed.



Castor bean communis



Castor Seed



Castor oil

SAVING RESOURCES & RECYCLING



3 kg

Resource saving
per m²

FINETT **DIMENSION** is about 70 % lighter than comparable carpet tiles. This means a resource saving of approx. 3 kg per square metre. Easy Fix installation also requires around 70 % less adhesive.



70 %

less adhesive



100 %

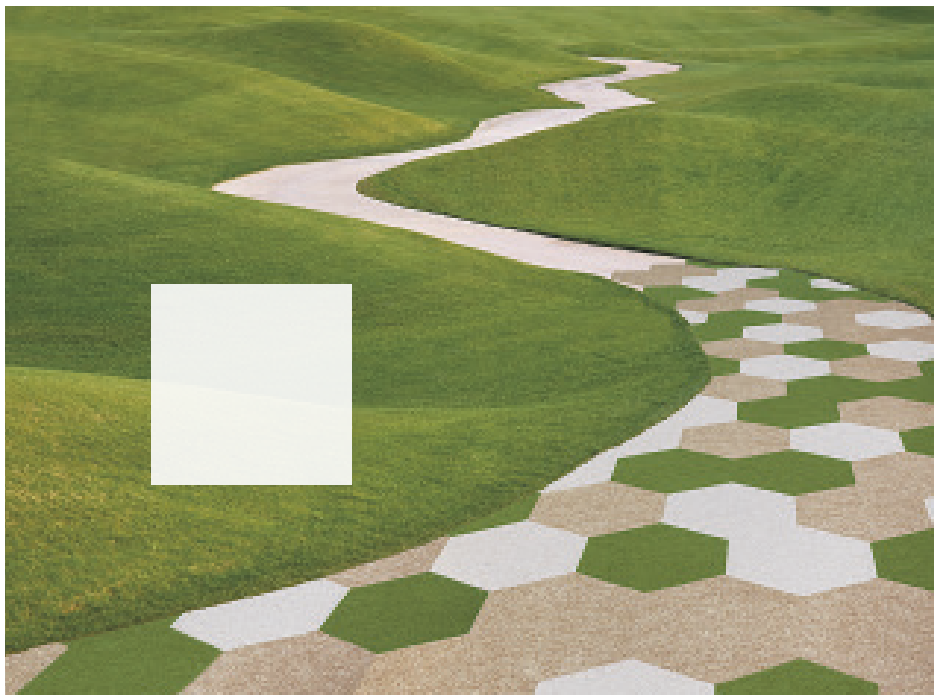
Recycled fibres in
back layer

The textile backing layer is made of 100 % recycled fibres - this means that the recycled content of the entire covering is more than 40 %.



40 %

Recycled fibres in
the total product



QUALITY
MADE IN GERMANY

All FINETT floor coverings are produced by FINDEISEN in Ettlingen near Karlsruhe in Southern Germany and distributed from there.

Only high-quality [®]dorix fibres made of polyamide 6.10 are used for the FINETT **DIMENSION** wear layer. These are produced by the Radici Group at its headquarters in Bergamo (Italy) and in Selbitz (Germany).



PRODUCT LIFE CYCLE OF FINETT **DIMENSION**

FINETT **DIMENSION** has an Environmental Product Declaration (EPD) in accordance with ISO 14025 and EN 15804, with verification of the EPD by an independent third party in accordance with ISO 14025. The declaration type corresponds to an EPD from „cradle to grave“, i.e. the EPD covers the entire life cycle of the product from the provision of raw materials, product manufacture, installation and use of the product to its disposal at the end of the life cycle.



EPD standard: EN 15804; ISO 14025

Publisher: Institut Bauen und Umwelt e.V. (IBU)

Declaration holder: FINDEISEN GmbH

Declaration number: EPD-FND-20200262-CCA1-EN

Declared unit: 1 m² Needlefelt flooring FINETT **DIMENSION**



Further product and site-specific information can be found in the EPD (Environmental Product declaration) under https://nadelvlies.de/qr/epd/epd_polyamid_pa_6.10_dimension.pdf

**SUSTAINABILITY
MEETS DESIGN**

The colours and shapes of FINETT **DIMENSION** open up endless design possibilities.

