

# IMEXECOPASS

The **IMEXECOPASS** defines criteria for the comfort and advantages to the users of organic floor coverings on the one hand, and the bio- and eco-constructional qualities of the products on the other.

The **IMEXECOPASS** is a seal of quality disclosing all external suppliers, components, and manufacturing processes of our products.

The contents of the **IMEXECOPASS** are in line with directives and certificates of organizations and institutions. The data of all individual products are governed and repeatedly evaluated in a database.

Hence we guarantee a maximum standard of quality.

## Timber from responsible-minded forestry



Sustainability in general and environmental sustainability in particular are absolutely imperative to us. 100 percent of the timber processed for IMEX-BIOBODEN originates from FSC-controlled forestries and woods. (FSC = Forest Stewardship Council)

The general rule for processing timber is to always utilize woods and forests thoughtfully. This is where the principle of sustainability comes in. It basically prescribes never to harvest more than what can grow back. This way the forest remains healthy and a natural balance is preserved.

## Best possible surface treatment



**Naturally**, our IMEX-BIOBODEN is free from volatile organic compounds (VOCs): 100% solid – 100% hard timber.

We are employing exclusively solvent-free waterproofing on the basis of natural lubricants for our IMEX-BIOBODEN.

Since the oil's viscosity is directly attuned to the woods's absorbency, IMEX-BIOBODEN OIL PENETRAL warrants the best possible surface saturation. After installation, a second oil coating is applied to purify and protect the surface. An IMEX-BIOBODEN becomes more beautiful through the years.

## Non-toxic adhesives



We are employing IMEX BIOBODEN MSP elastic adhesives only, which are emission-controlled, GEV-EMICODE® EC1-certified, and non-toxic.

In short: it is THE ecological alternative when it comes to adhesives in the world of solid-wood flooring.

Extent of pollution by traditional parquet floorings in comparison to IMEX BIOBODEN:

### Most commonly used parquet, 1 m<sup>2</sup>

Item description	ecological stress
1 Mosaic parquet 8-mm unprocessed oak	0.0 µg/m <sup>3</sup>
2 Synthetic resin or 2K polyurethane	above 1,500.00 µg/m <sup>3</sup>
3 Putty agent	600.00 µg/m <sup>3</sup>
4 Undercoating	300.00 µg/m <sup>3</sup>
5 Finish	above 600.00 µg/m <sup>3</sup>
<b>Total stress on room:</b>	<b>well above 3,000 µg/m<sup>3</sup></b>

### IMEX BIOBODEN, 1 m<sup>2</sup>

Item description	ecological stress
1 22-mm parquet plank, polished and oiled	0.00 µg/m <sup>3</sup>
2 IMEX BIOBODEN MSP elastic adhesives	below 500.00 µg/m <sup>3</sup>
3 Putty agent	not applicable
4 Undercoating	not applicable
5 Finish	not applicable
<b>Total stress on room:</b>	<b>well below 500 µg/m<sup>3</sup></b>

Effective 11/2008.

## Positive environmental balance

In 2003, the Munich University of Technology issued a comprehensive environmental balance of parquet and plank floorings referring to a lifespan of 50 years. The final report states, "The repercussions of wood floorings on the environment are very few. During both manufacturing and using, as well as by substituting fossil energy sources at the end of their lifespans, parquet and plank floorings are working contrary to the anthropogenic greenhouse effect." In other words: People who use wooden floorings instead of other, non-natural floor coatings actually perform an environment-sparing act.

Flooring Type	Lifespan
Mosaic parquet	25 years
10-mm solid wood flooring	25 years
Strip flooring	50 years
Multi-layer parquet, fix installed	20 years
Multi-layer parquet, loosely installed	10 years
Solid-wood IMEX BIOBODEN	50 years

## Quality Assurance

The experts behind IMEX-BIOBODEN. Their knowledge and professional competence ensure both high quality standards and the permanent progression and improvement of the products.

**Peter Pohle, Ph.D. (Chemistry)** For many years graduate chemist Peter Pohle worked in the adhesive industry and occupied himself extensively with the research and development of adhesives on the basis of renewable materials. Today he runs his own company and, among other things, is the single manufacturer of non-toxic epoxy resins. [info@grizzly-leim.de](mailto:info@grizzly-leim.de)

**Wolfgang Hügler, Ph.D. (Management)** Certified economist Wolfgang Hügler has worked with various prestigious finance and consulting firms. In addition to those consulting engagements Mr. Hügler has been the head of several businesses of his own for many years. [whuegle@guthugle.de](mailto:whuegle@guthugle.de)

**Paul Wernik, MSc (Biology)** The core theme of certified biologist Paul Wernik's professional studies is the development of new building substances from renewable materials. [paul.wernik@imex-bioboden.de](mailto:paul.wernik@imex-bioboden.de)