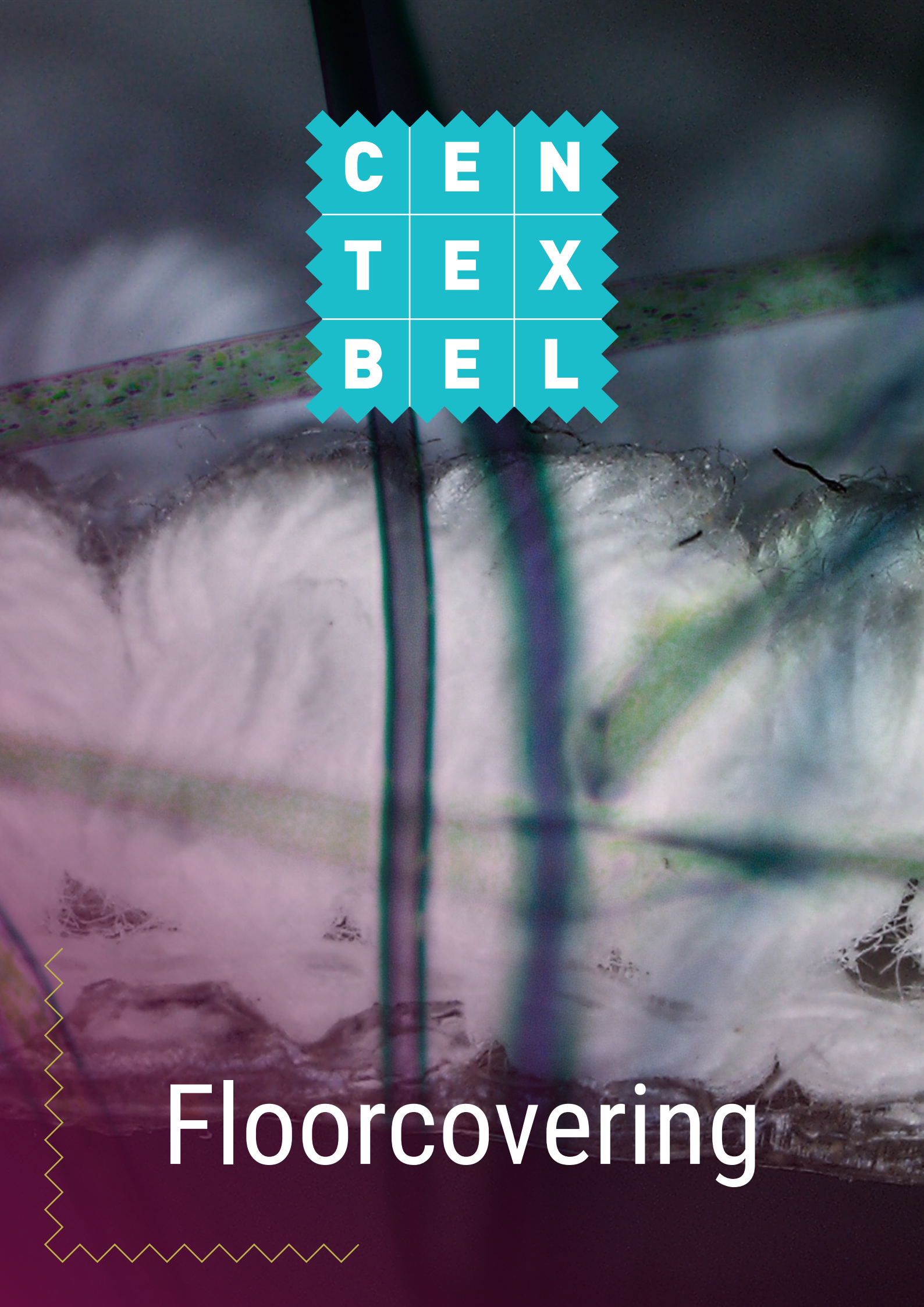




C E N
T E X
B E L

Floorcovering



PRODUCT SAFETY is a key topic in the Centexbel activities related to floor coverings and tiles.

Centexbel advises companies on health & safety related aspects, coating, yarn engineering, acoustics, isolation and production or product related issues.

Centexbel organises (in-company) training sessions and international conferences, patent searches and technology watches.

Floorcovering Testing

castor chair suitability

determination of changes in appearance

resistance to fraying

insulation from impact noise ΔL_w

acoustic absorption α_w

colour fastness to light, rubbing, water

ageing to heat, light and humidity

oleophobicity & hydrophobicity

soiling & stain release properties

body voltage walking test

REACH compliance

VOC and aldehyde emission

microscopic inspection

microbiological tests

vertical and horizontal electrical resistance

stair suitability

thermal resistance

dimensional stability, squareness, straightness of tiles

odour test

classification of reaction to fire

To guarantee the free trade of construction products, the European Commission has issued the Construction Products Regulation (EU) 2024/3110.

Wall coverings and wall-to-wall carpeting, laminate and resilient floor coverings are considered materials intended for construction and have to comply with the fundamental regulations during an economically relevant lifetime and provided regular maintenance is carried out.

The fundamental regulations include six aspects:

- **mechanical strength and stability**
- **fire safety**
- **hygiene, health and environment**
- **safety of use**
- **sound nuisance**
- **energy savings and heat retention**

In addition, the present Regulation focuses on sustainability and circularity by:

- introducing a **digital product passport system** to provide comprehensive information on construction products. This includes declarations of performance and conformity, safety information, and usage instructions. The digital passport facilitates better traceability and informed decision-making for stakeholders across the construction sector.
- expanding its scope to explicitly cover **reused construction products**. This acknowledges the growing importance of the reuse of materials in achieving sustainability goals.
- introducing a **Mandatory Declaration of Conformity**: in addition to the existing declaration of performance, manufacturers must now provide a declaration of conformity, ensuring that products meet all applicable environmental, functional, and safety requirements. This enhances accountability and compliance across the industry.
- emphasizing the need for construction products **to be designed with circularity in mind**. This includes facilitating the separation of components for recycling, minimizing waste generation, and ensuring the availability of spare parts to extend product lifespan.

As the Belgian sectoral operator for textile standardisation, Centexbel plays a pivotal role in both European (CEN TC 134) and international (ISO TC 219) Technical Committees focused on floor coverings.

Within its BELAC-accredited laboratories (ISO 17025), Centexbel conducts an extensive array of tests. Upon request, its experts provide detailed commentary on test reports, drawing on their deep expertise in industry practices, testing methodologies, and classification systems.

As NOTIFIED BODY (#0493) for CE marking, CPR and Wheelmark MED, we provide full certification services for

- EN 14041 Resilient, textile and laminate floor coverings
- EN 15102 Wall coverings (roll and panel form products)

Our experts are actively involved in floor and wall covering standards committees. They inform you about the evolutions in this domain through the **Standards Antenna Living Space**, one of our five standards antennas, that were created on the initiative of the FPS Economy.

Centexbel is also a recognized ECRA laboratory, for the classification of carpets

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