

[www.recticelinsulation.com](http://www.recticelinsulation.com)



Recticel Insulation is part  
of the listed **Recticel Group**,  
a leading European market player  
in **polyurethane** solutions.

The Recticel Group employs around



**8,400 people** in

**28 countries** across the world.



It serves diverse markets, primarily in Europe,

which accounts for around **93%** of its net



sales. The Group is also active in

the USA and Asia.

We want to create a “feel good  
inside” experience for ourselves  
and for future generations through  
excellent solutions and services.



# INNOVATION DRIVEN BY PU EXPERTISE

The Recticel Group's core competence is leveraging the transformation of polyurethane chemistries into flexible foams, rigid foams and elastomers to create value-added solutions that meet existing and emerging client demands. Polyurethane transformation, although not its sole technology, remains Recticel's answer to these market needs.

Recticel wants to make an essential difference in daily comfort for everyone through innovative solutions. It is committed to providing responsible answers to the various challenges of our time, and to creating shared benefits for Recticel and society. In an efficient, sustainable and balanced manner, the Group aims to add value and achieve steady, profitable growth for all its clients and shareholders.

## BUSINESS LINES

The Recticel Group's core portfolio is organised around four application areas:  
Flexible Foams, Insulation, Bedding and Automotive.



The **Flexible Foams** business line develops and produces a wide variety of solutions with attributes such as silencing, sealing, filtering, carrying, protecting, supporting and comforting.



The **Insulation** business line offers high-quality thermal and acoustic insulation products that are used immediately in construction projects and building renovations.



The **Bedding** division markets consumer-ready mattresses, slat bases and box springs.



The **Automotive** division, which comprises interior trim activities and seating solutions (via a joint venture), focuses on innovation, technical progress and excellent customer service.



## MISSION

The Recticel Group always tries to leverage its outstanding expertise in polymer applications, particularly in polyurethane. It offers its customers competitive, high value-added solutions.

## VISION

The Recticel Group aims to be the leading global provider of high value-added solutions in all its core markets by responding to key worldwide trends such as environment protection, aging and increasing population, energy conservation and water management.

## RECTICEL GROUP HISTORY

- ▶ **1778** Jan-Frans Cooppal starts a gunpowder mill in Wetteren, Belgium
- ▶ **1847** Cooppal receives a royal warrant of appointment (Poudrerie Royal Cooppal)
- ▶ **1898** Production of ether solvent for explosives
- ▶ **1952** Licence for the production and marketing of polyurethane (PU) foam
- ▶ **1957** Production of flexible PU foam
- ▶ **1964** Production of rigid PU foam
- ▶ **1967** All PU activities under name of Recticel
- ▶ **1970** Construction of new plant and Group International Development Centre in Wetteren, Belgium
- ▶ **1998** Recticel becomes independent from Société Générale de Belgique

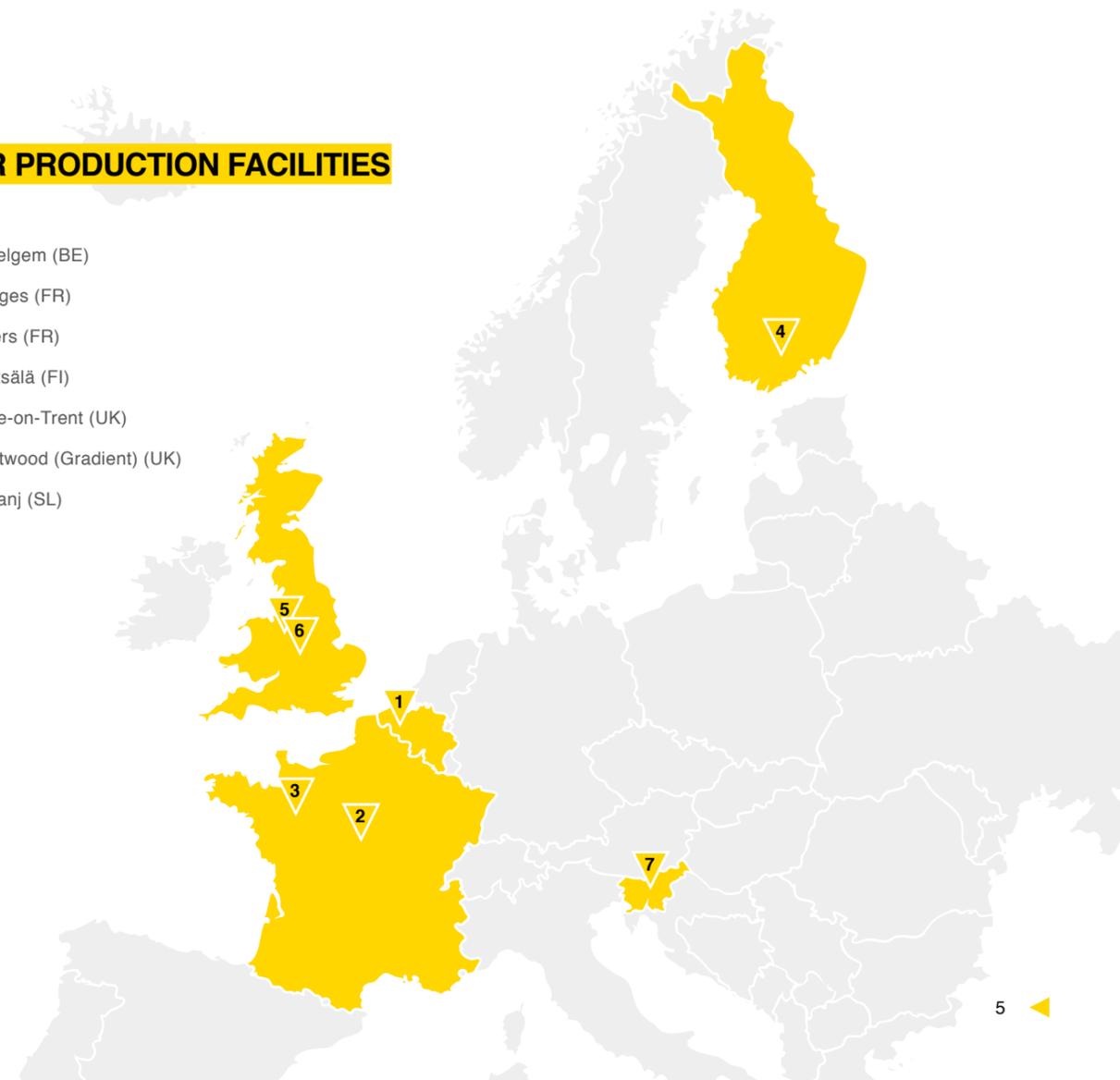
# RECTICEL INSULATION: PARTNERS IN COMFORT

Recticel Insulation is a reliable and experienced construction industry partner with six decades of experience. We provide high-performance acoustic and thermal insulation solutions for both residential and non-residential buildings. Our products and services are developed to meet occupant needs for comfort and greater energy efficiency.

With seven state-of-the-art production sites in Europe, Recticel Insulation is committed to developing new and effective solutions using its experience, expertise and passion for polyurethane. The company has a vast product range suitable for pitched roofs, flat roofs, tapered roofing systems, loft spaces, ceilings, soffits, external walls, cavity walls, internal walls, floors, basements and many industry-related applications.

## OUR PRODUCTION FACILITIES

1. Wevelgem (BE)
2. Bourges (FR)
3. Angers (FR)
4. Mäntsälä (FI)
5. Stoke-on-Trent (UK)
6. Burntwood (Gradient) (UK)
7. Šoštanj (SL)



## OUR PRODUCTS: ADDING VALUE IN EVERY APPLICATION

### THERMAL PIR INSULATION

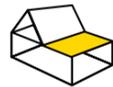
#### Roof insulation

Recticel Insulation offers a wide range of insulation solutions for both pitched and flat roof applications.



##### *Insulation for pitched roofs*

This insulation is designed for various applications, including new-build, renovation and conversion projects. The insulation boards can be installed easily on the construction or against the roof deck between the purlins, depending on requirements.

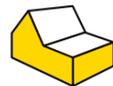


##### *Insulation for flat roofs*

This insulation is designed for various applications: on concrete, wood or steel constructions, with or without pitch/slope in a mechanically fixed, glued or weighted roof system.

#### Wall insulation

Recticel Insulation provides specific solutions for solid walls, framed walls, rainscreen walls, external walls, prefab walls and insulated plasterboard for internal wall insulation.



##### *Insulation for cavity walls*

This insulation is designed for cavity wall constructions in new-build and renovation projects. The tongue and groove system ensures an efficient, consistent insulating shell.



##### *Insulation for exterior walls*

Our exterior wall insulation is specially developed for new-build and renovation projects. Exterior wall insulation provides an efficient, consistent insulating shell around the home and can be combined with a wide variety of facade finishes.



##### *Insulation for prefabricated walls*

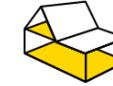
This insulation is designed for insulating concrete prefabricated industrial wall elements.



##### *Insulation for interior walls*

This insulation is designed for (re) insulating interior walls in applications where aesthetics and space utilisation are important considerations. Examples include historic or cultural heritage sites and urban projects.

#### Floor insulation



Recticel Insulation offers floor insulation for solid ground applications, heavy-duty floors and loft floors. The insulation can be installed above or below the floor screed.

#### Sauna insulation



This insulation is suited for the interior walls of saunas.

### ACOUSTIC INSULATION



As well as thermal products, Recticel Insulation provides acoustic insulation to maximise comfort for building users. This insulation is designed to reduce noise between two adjoining living spaces and is installed by gluing it to the dividing wall.



### OUR APPROACH: A PASSION FOR COMFORT

Recticel Insulation aims to achieve the highest level of comfort for construction professionals and their customers through reliable partnership, excellent service and unrivalled expertise. We are committed to addressing the demand for energy-efficient buildings by offering the construction market high-performing insulation materials with specific insulation products for each application.

# SUSTAINABILITY: COMMITTED ON EVERY LEVEL

## SUSTAINABILITY AS PART OF RECTICEL'S STRATEGY AND COMPANY VALUES

In 2016, Recticel carefully redefined its core values to enable the organisation to fully align its actions and attitudes towards internal and external stakeholders. Today, the Group's core values can be summarised as follows:



The Recticel Group's sustainability strategy was developed to respond to key challenges such as energy conservation, CO<sub>2</sub> reduction, and an aging and increasing population. Sustainability is also deeply embedded in the Group's DNA. This is evident in the company's core values, one of which is "We act with respect and integrity". Recticel Insulation adheres to this value by showing respect for all of society, particularly our employees, partners, the planet and legislation. We expect our core values to be applied not just by our colleagues, but also by our partners.

## POLYURETHANE: THE SUSTAINABLE INSULATION MATERIAL

Recticel Insulation products offer significant environmental benefits. Efficient insulation means that less energy is needed for heating and cooling. As a result, CO<sub>2</sub> emissions are reduced, which means that our insulation products contribute significantly to the fight against global warming.

The durability of our products is another important environmental advantage. Polyurethane insulation boards have a 50-year lifespan. Their insulation performance remains consistent throughout the lifetime of the product, making them a very sustainable solution.



## ENVIRONMENTAL CERTIFICATIONS

### BREEAM SCORE

BREEAM is Europe's most widely-used evaluation and certification method for buildings. It supports constructors, architects, contractors and other stakeholders in the successful implementation of sustainable building practices.

### ENVIRONMENTAL PRODUCT DECLARATION (EPD)

The results of an LCA are summarised in an EPD. This document expresses the environmental impact of a product in figures, sorted into various impact categories. It is not designed to be used for comparison between products but makes it possible to calculate the overall environmental impact of a building.

## OUR NEW PRODUCTS: DRIVEN BY SUSTAINABLE INNOVATION

**Sustainable innovation is one of the primary drivers of all Recticel's research and development efforts.** It is a deciding factor in everything we do. The Recticel Group is determined to continually reduce the negative impact of its activities, and thus optimise Recticel's positive impact throughout the value chain. This is achieved through the work of the Sustainable Innovation Department (SID), which leads all the Group's innovations and initiated the corporate sustainability programme.

This has led to the development of 'low lambda' insulation materials (with a lambda value reduced from 22 to 19). Xentro® achieves higher insulation performance. This product has a thermal conductivity coefficient ( $\lambda$  value) that is 13% lower than the market reference product\*.

## MINIMISING OUR CO<sub>2</sub> FOOTPRINT

We make constant efforts to minimise our CO<sub>2</sub> footprint by reducing the negative impact of our operations while significantly increasing the positive impact of our products. We estimate that the CO<sub>2</sub> emissions prevented by our insulation solutions in 2017 totalled over 30 times our carbon impact throughout the value chain.

We also try to reduce energy use in our factories. Most of our production plants are certified to ISO 14001 standards of environmental care.

When developing or launching new production plants, we choose green energy sources where possible in order to reduce our CO<sub>2</sub> footprint.

## WASTE MANAGEMENT AND RECYCLING

We seek out new ways to avoid waste during the production process, as well as possibilities to reuse or recycle production waste and products that have reached the End-Of-Life (EOL) phase. We also try to minimise the use of finite natural resources.