



COMMERCIAL



Optimise 70

Strong, silent and colourful





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Create a true sense of wellbeing and positivity with the playful colours and appealing designs of Optimise 70: **our premium collection that combines uplifting good looks with excellent acoustic performance and long-lasting strength.**

Choose from wood-effect and all-over terrazzo and textile styles, in shades that range from warm naturals to fun, vibrant brights, and abstract patterns that include our new geometric design, Ritmo.

Soft and comfortable underfoot, and with a **19 dB impact sound reduction**, Optimise 70 helps introduce calm and quiet to busy spaces such as **healthcare, hospitality and education settings.**

Its **0.70 mm wear layer** ensures durability in high-traffic areas, while our **Sanitec® hygiene treatment** inhibits the growth of bacteria on the surface while battling fungi in the subfloor. Slip-resistant, free of ortho-phthalates and available in 2 m widths as a glued-down installation, Optimise 70 comes with a 12-year warranty.

Summary

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FIRST FLOOR
- STUDY ROOM
- LIBRARY



OLYMPUS T33 / SAND T54 - T65



ELIAS T32 - ROCHUS T26 - CEVENNES T03

Bright Spring

Our spring palette evokes a sense of hope, growth and new beginnings, with a soft yet refreshing selection of tones and textures.



Summer Sunset

The vibrant colours of summer celebrate a sense of energy, freedom and vitality, creating a feelgood vibe throughout the year.

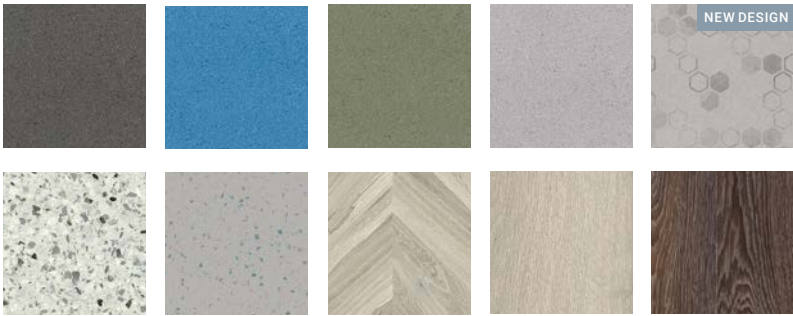




CEVENNES T94 / SAND T26 T76

Deep Forest

Invite a feeling of calm and reflection through the hushed and gentle colours and textures of our autumn palette.



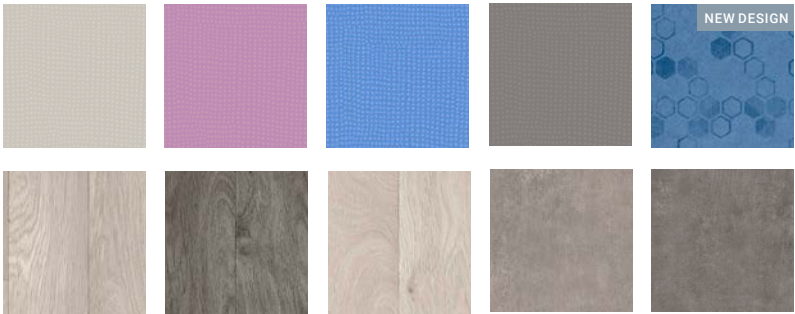


ROCHUS T86 - T93 / TORONTO T91

Luminescent Dusk

Introduce a restful and nurturing environment while evoking the serenity of nature with our winter-inspired designs.

New design Ritmo
A playful yet precise geometric design







Collection overview

WOOD



Camargue T60



Camargue T04



Camargue T02



Camargue T62



Camargue T83



Camargue T91



Toronto T81



Toronto T93



Toronto T91



Toronto T87

HUNGARIAN POINT



Olympus T91



Olympus T33



Elias T93



Elias T32

ENDLESS WOOD

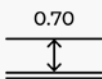
What makes Optimise 70 unique?



GLUED



AVAILABLE WIDTH
2 M



WEAR LAYER



SUPER ACOUSTIC
19 dB



HEAVY TRAFFIC



SANITEC®



WIDE RANGE

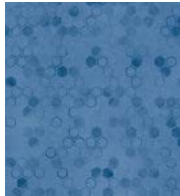
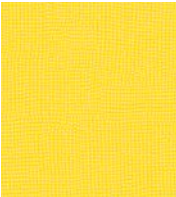
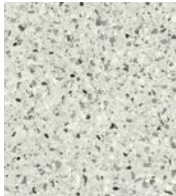


12 YEARS
WARRANTY

Order
free samples



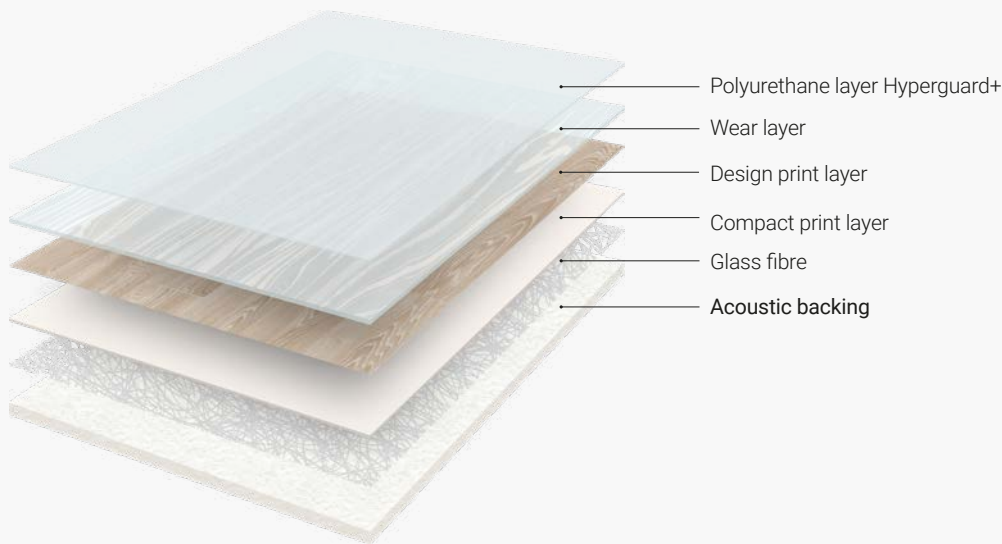
COLOUR AND MATERIAL

					
Cevennes T03	Cevennes T94	Noemi T91	Noemi T35	Ritmo T93	Ritmo T33
					
Rochus T26	Rochus T56	Rochus T66	Rochus T76	Rochus T86	Rochus T93
					
Rochus T97	Sand T31	Sand T54	Sand T65	Sand T85	Sand T26
					
Sand T76	Sand T84	Sand T97	Coronet T94	Pinnacles T08	Pinnacles T83
					
Pinnacles T98	Pinnacles T91				



RITMO T33

Flooring built to last



Installation & maintenance

We offer a tailor-made service to help make the most of our high-quality products. For all our floors, we provide a guide containing all the necessary information for proper **installation, cleaning and maintenance**.

Installation direction

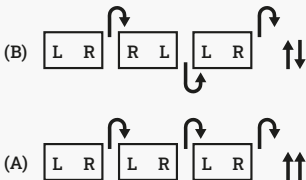
Always follow the installation instructions about direction:

REVERSE (B) ↑↓

DO NOT REVERSE (A) ↑↑

L= Left, R= Right

The arrow on the back of a vinyl roll indicates the direction of production.



Consult and download our guides on our website.



TECHNICAL INFORMATION • INSTALLATION





TECHNICAL INFORMATION / THERMAL CONDUCTIVITY

Underfloor heating and cooling

Thermal conductivity

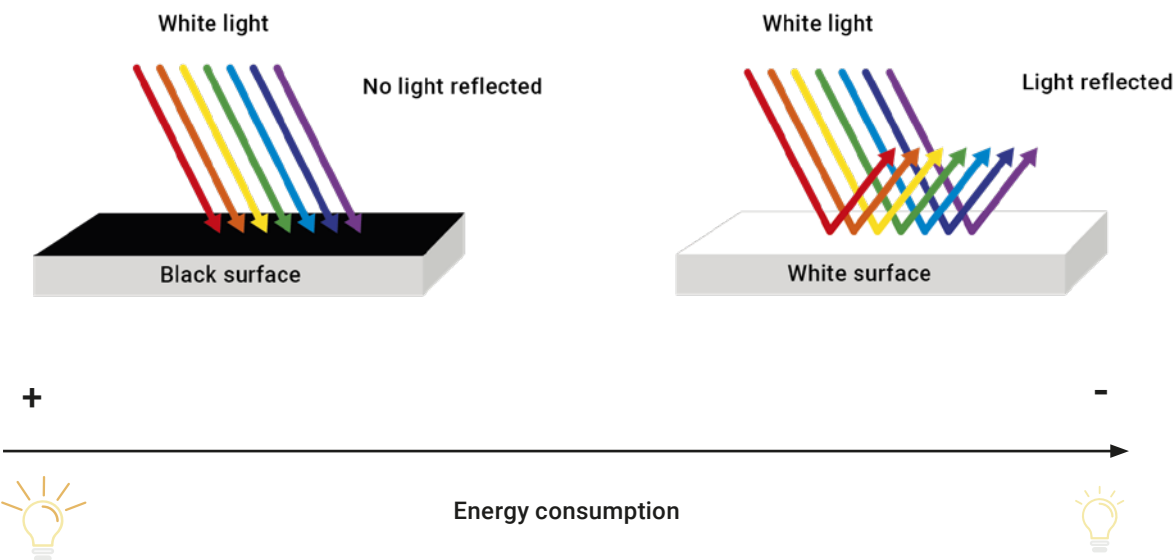
Heterogeneous sheet vinyl is one of the best types of flooring to use with underfloor systems. And with a thermal conductivity of **0.098 W/(mK)**, Optimise 70 is an excellent choice for both underfloor heating and cooling.

Its very low thermal resistance means that heat and cold from the system below passes easily through the vinyl, ensuring a comfortable temperature in the

room. Because the room warms up or cools down faster, **energy consumption** is also reduced, making life more affordable.

Vinyl flooring also contributes to wellbeing by providing **a warm and comfortable surface underfoot**.

The importance of reflected light



What is LRV?

The amount of light that a surface reflects or absorbs is measured by a universal scale called Light Reflectance Value, or LRV. This is indicated by a percentage on a scale from 0 (a perfectly absorbent surface such as black) to 100 (a completely reflective, pure white surface).

In addition to its colour, the structure and finish of a product contributes to its LRV.

Why is LRV important?

Brighter rooms need less artificial lighting, **reducing energy consumption**. A balanced LRV is also beneficial for the **wellbeing** of residents. We offer a diverse collection with numerous designs and colours, making it easier to optimise the brightness in every room.



Creating harmony

To ensure a balance of colours between the walls, floor and ceiling, their LRV indices should vary by **at least 30 points**, creating a **harmonious environment**.



TEA		FRAPPE	
Earl Grey	2.50	Mango	4.50
English Breakfast	2.50	Vanilla	4.50
Green Tea	2.50	Almond Mocha	5.50
Japanese Tea	4.50	Chocolate Caramel	4.50
Milk Tea	4.50	Orange Cream	4.50
Chai Spiced	3.50	Tiramisu	5.50
Strawberry Lemon	4.50	Ice	5.50
Peppermint	4.50	Vanilla Frappe	5.50
Black Currant	4.50	Dark Chocolate	4.50
Herb Tea	4.50	House Frappe	5.50

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Flawless maintenance with Hyperguard+®

Thanks to Hyperguard+®, our specially developed protective top layer, Optimise 70 floors are both easy to maintain and highly **resistant to stains and scratches**. This innovative surface treatment offers durability without compromising on design, and with the same technical characteristics in terms of acoustics and resistance. In short, Optimise 70 is a **durable vinyl floor** that will retain its good looks for many years, even under heavy use.

No need for additional polishing, sealing, or waxing after installation.



No need for
additional polishing,
sealing or waxing
after installation

The tests



Test principle (ISO 26987-2008)

Specified substances in liquid or paste form are placed on a test piece for defined periods and then removed. After cleaning has been carried out, the resulting change of appearance is assessed under specified lighting conditions.



Duration of contact 2 hours



Cleaning procedure

Each sample is washed with a cleaning agent (water + soap) before the final assessment.

The results

Internal test	External test
✓ Mayonnaise	✓ Desinfectant 2,5%
✓ Ketchup	✓ Benzine
✓ Mustard	✓ Ammonia solution 10%
✓ Chocolate	✓ Ethyl alcohol 48%
✓ Coffee	✓ Citric acid 10%
✓ Tea	
✓ Milk	
✓ Red wine	
✓ Alcohol gel	
✓ Isobetadine	
✓ Shoe polish	
✓ Lugol	

✓ not changed
! slightly changed
! moderately changed
✗ greatly changed

Optimise 70 floors achieved the best possible scores in extensive stain tests using a variety of substances.



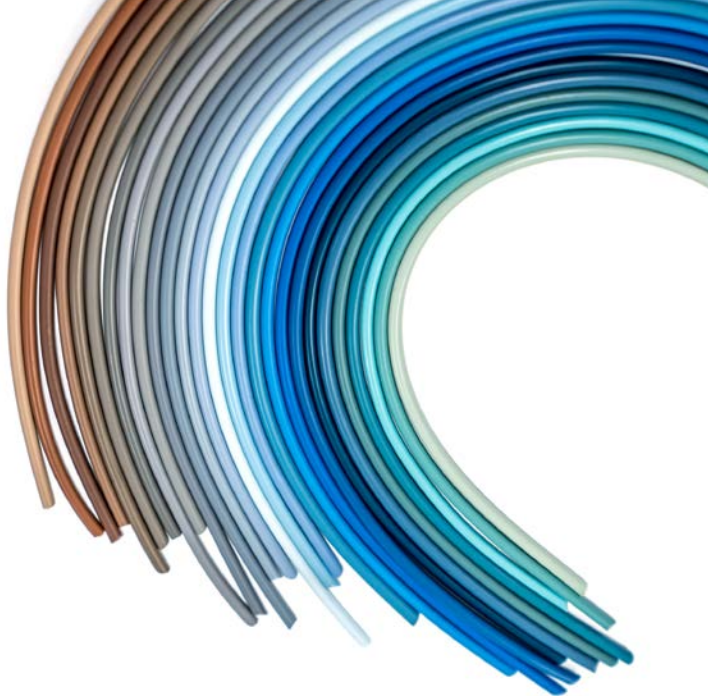
Our welding rods are available in a wide variety of colours to match our floors

Hot welding

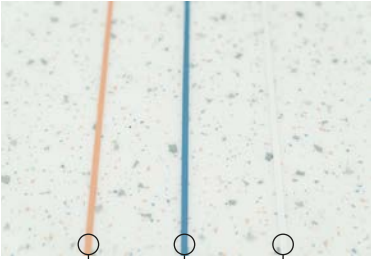
Ø 4 mm x 100 m length

We offer a wide range of welding rods for colour-matching or contrasting with our heterogenous sheet vinyl. Either way, the result will be a floor that is both strong and beautiful.

Order a welding rod sample card, using the code S066XZ155Z.



Set the welding gun to level 5 at 440–450 °C and work at 3m per minute.



Contrasting welding



Colour-matched welding



Colour-matched welding



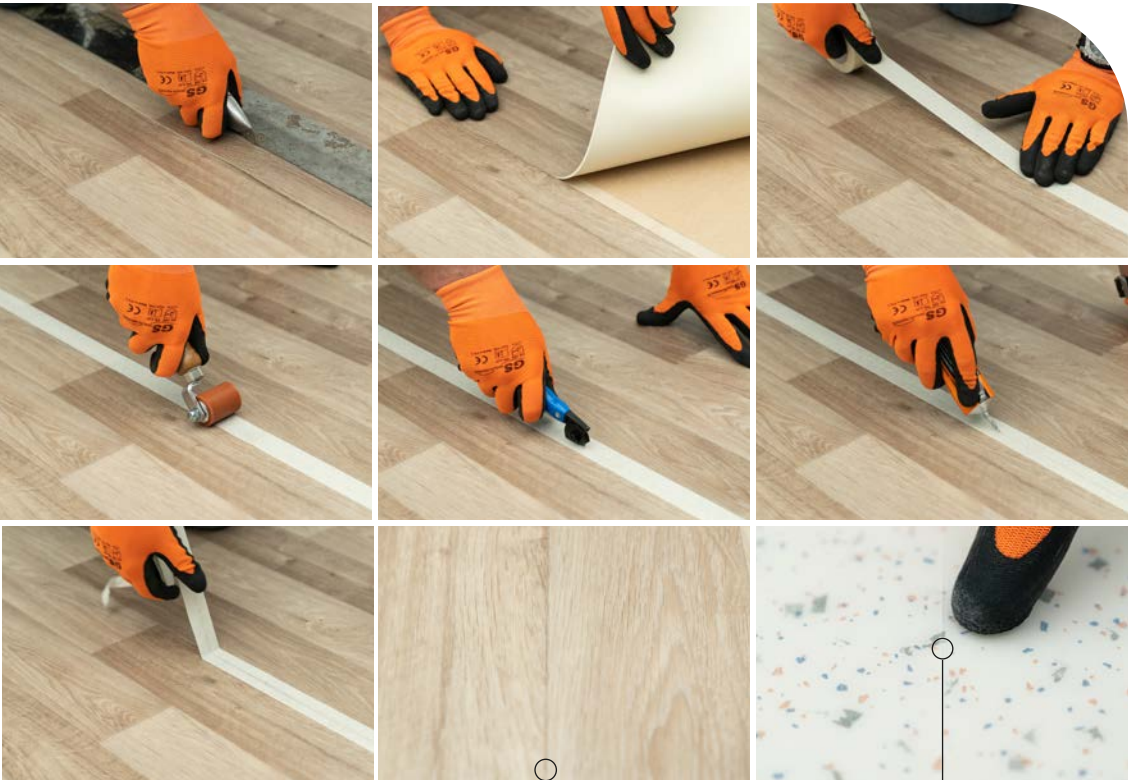
This is a summary of the full installation instructions. Scan for more details



TECHNICAL INFORMATION

Cold welding Invisiweld

Invisiweld technology has the ability to achieve **an almost imperceptible join** with all IVC Commercial heterogeneous vinyl floor coverings. Fast, clean and easy to use, Invisiweld is economical and leaves a seamless, strong and watertight join.



Invisiweld

Invisiweld



Order
starterbox
using code
343928



This is a summary of the full installation instructions. Scan for more details

SEAMLESS DESIGN

All-over wood for easy installation



ELIAS T93

Wood design with a unique trick up its sleeve

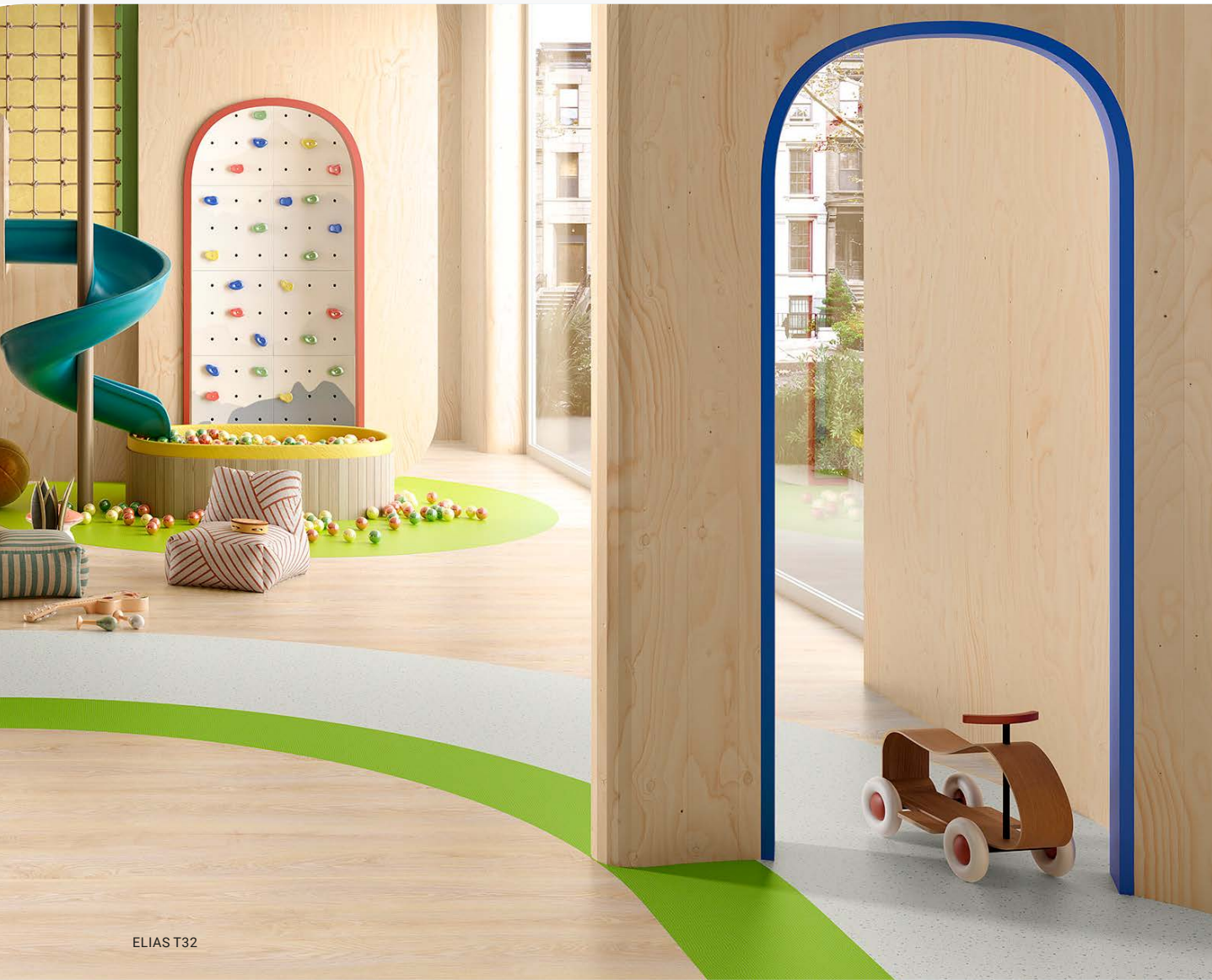
An all-over wood pattern is not only beautiful to look at, but also easy to install. Just unroll for a great-looking floor in no time at all. **Without grooved plank outlines, there's no need to pattern match, so fitting is quick and easy.** And, by reducing installation waste, seamless design is a cost-effective and responsible choice.



Effortless installation



Looking for
seamless
wood designs?
Choose
Elias!



ELIAS T32



Our sustainability journey





ONEHOME

Sustainability strategy

In 2022 Unilin launched One Home, our group-wide **sustainability strategy** with ambitious targets in several domains. We look into the environmental impact of our products and production processes, but also at how we live at home, at work and on our planet.



PLANET HOME

The Planet Home pillar groups our environmental efforts. The basis for these is the environmental policy applicable to all of Mohawk Industries' segments. It addresses climate change, water, circularity, supply chain management, and environmental responsibility. At Unilin, we put an additional focus on climate change and circularity. We are committed to supporting the global transition to more sustainable products and production systems by **reducing fossil fuel use, lowering the lifecycle carbon footprint of our products**, and improving their **recyclability** while also assuring **proper environmental plant management**.



YOUR HOME

As part of our sustainability strategy, the Your Home pillar focuses on how our products contribute to **creating healthy, comfortable, and sustainable living spaces**. Since we spend most of our lives indoors, whether at home, in classrooms, offices, stores, or hospitals, the quality of these environments directly impacts our well-being.



OUR HOME

Our Home is a commitment to our people and our community. A thriving, future-proof company is built on the health, well-being, development and engagement of its employees.

Across Mohawk Industries, the foundation in this field is formed by our health and safety, human rights, and training and development policies.

At Unilin, we translate these into our focus on creating a safe, inclusive, diverse, and respectful workplace. A place where everyone can find challenges and continue to grow, **a second home for 7800 employees**. We also work closely with our suppliers and engage with local communities around our sites, aiming to create lasting, positive social impact wherever we operate. We share our home.



from 2020 to 2030
OUR TARGET

42%

Less SCOPE 1 & 2
emissions

SCOPE 1
Owned sources

SCOPE 2
Energy usage

from 2020 to 2030
OUR TARGET

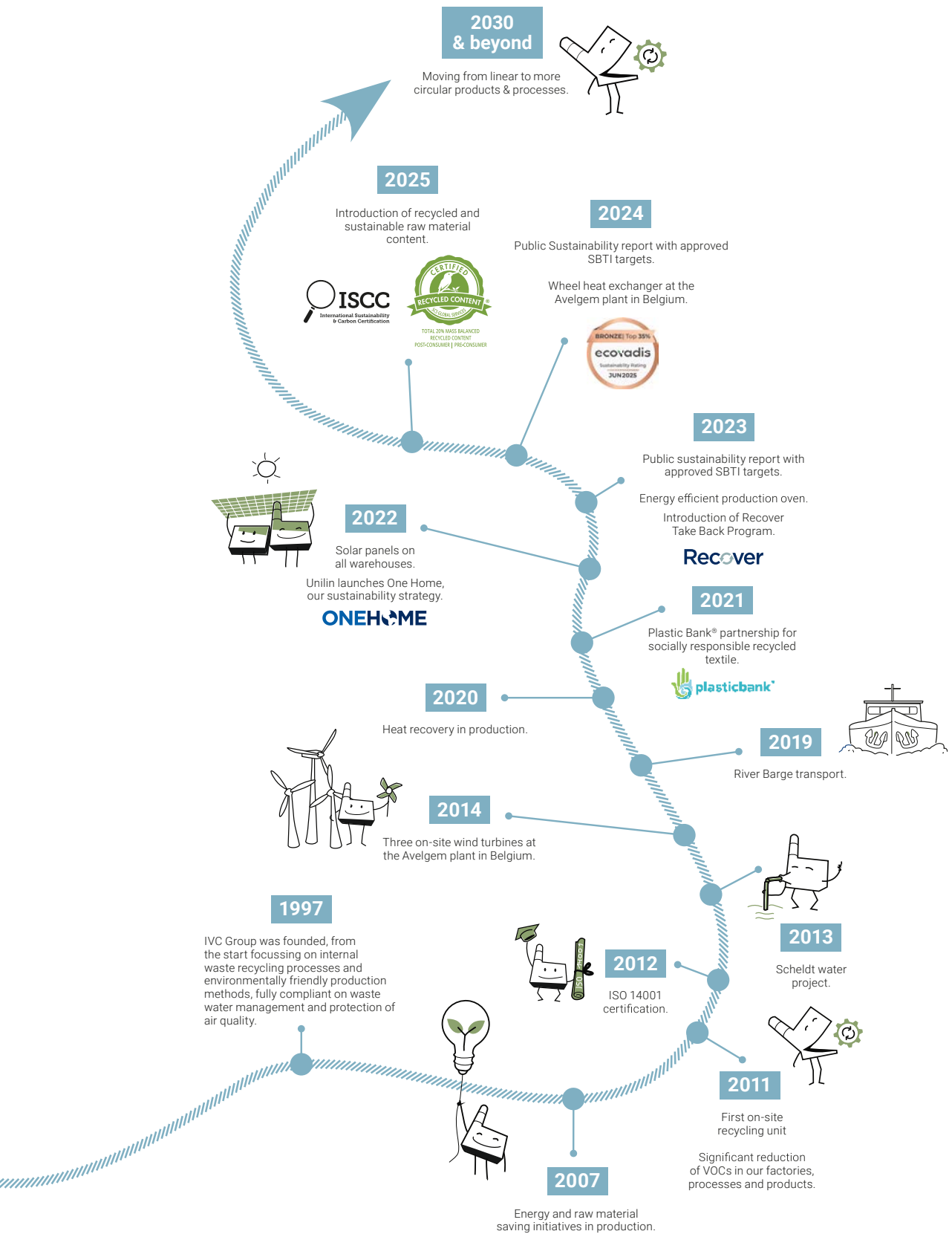
12.3%

Less emissions from raw
material supply and
end-of-life products

SCOPE 3
Supply chain

TIMELINE

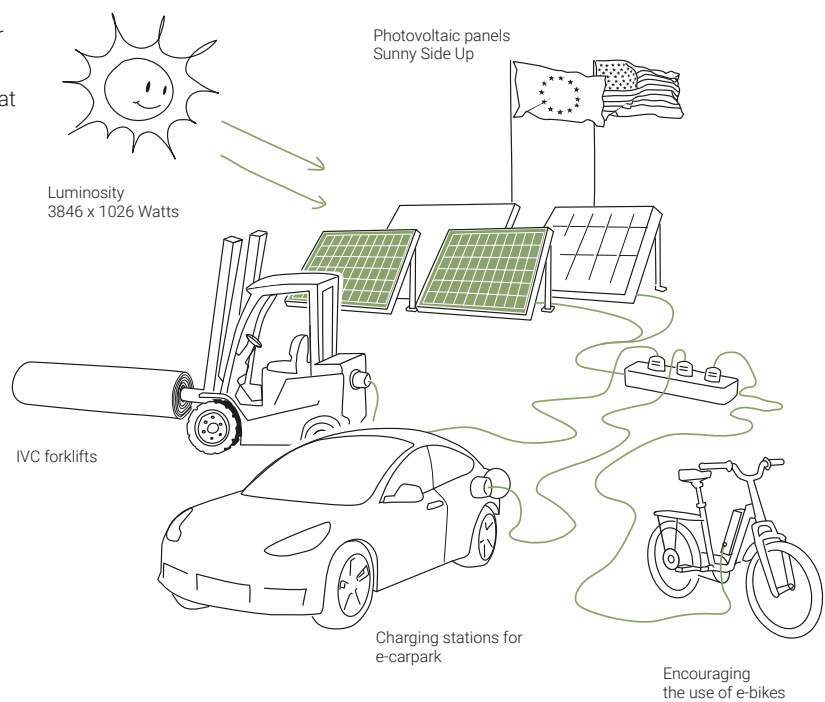
Our sustainability journey through time



Smart use of renewable energy

Sun

We use solar energy to make our fleet greener, in every sense of the word. For instance, we use the power from our solar panels to charge our **employees' electric cars and e-bikes**. Furthermore, even the (hybrid) **forklifts** in our warehouses are charged with solar energy. The result is a great amount of kilometres with zero emissions.



Solar panels



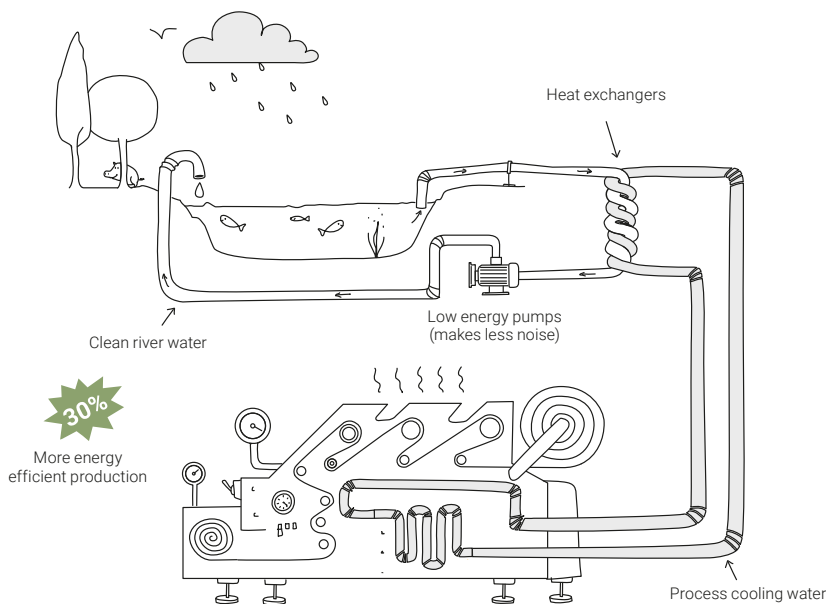
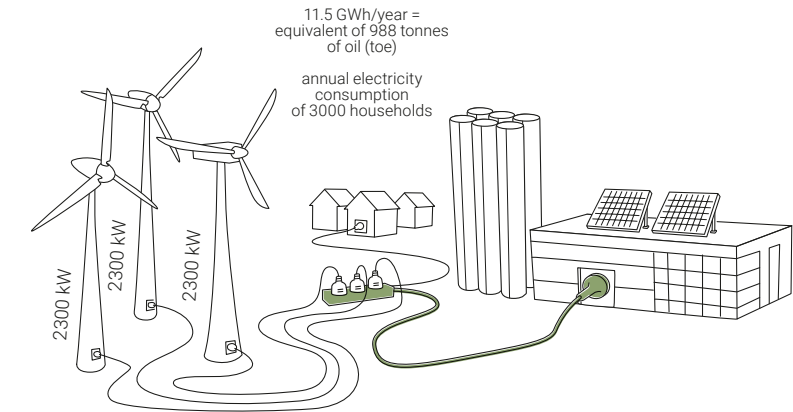
Unilin's headquarters in Waregem (Belgium) has been turned into a sustainable base. It uses heat recovery, intelligent lighting technology and is powered by solar panels on the building.



Solar panels contribute significantly to reducing our plants' carbon footprint. We installed more than 6,000 solar panels on the roof of our **Avelgem plant**, generating 3,076 MWh per year.

Wind

In 2014, three wind turbines have been installed on the Avelgem production site. The turbines produce around **11500 MWh of renewable energy each year**. That's about as much as the yearly electricity consumption of 3,000 Flemish households. With this clean energy we power our own production facilities. Avelgem Green Power allows IVC and our **partner communities** to work together to promote green energy.



Water

The manufacturing of vinyl flooring requires cooling water to absorb heat in the different stages of production. IVC has invested in a system that uses surface water from the nearby **river Scheldt as a secondary coolant**. Using only a minimal amount of energy, river water is pumped up and sent along the closed loop flow of our Avelgem

plant's process cooling water. The exchange of thermal energy (up to 4000 kw) is achieved through state-of-the-art heat exchangers, so there is no direct contact between the river water and the process water en route.

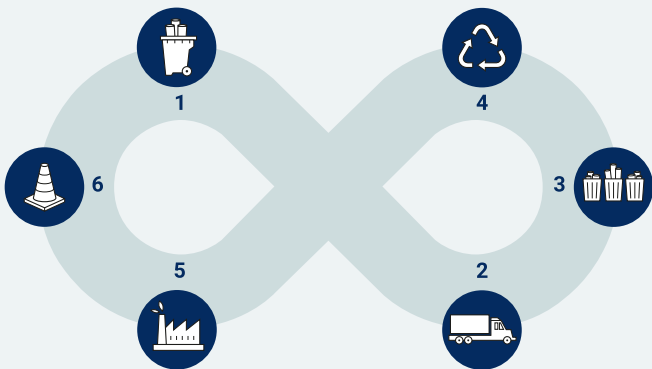
Using minimal electricity compared to other cooling systems, these innovations have resulted in a **30% increase of energy efficiency** in the overall production of vinyl flooring. By eliminating the need for machine-driven refrigeration, we've also significantly **reduced on-site noise** and created better working conditions.

Recover, A new life for floors

We try to reduce our environmental impact not only by producing efficiently, but also by the way we use materials. Today, production waste from sheet vinyl flooring and post-installation materials returned through our Recover Take Back Program are being recycled or repurposed for use in the backing of LVT products. This way, we work towards our goal of a more circular product.



How we recover sheet vinyl flooring



1. COLLECTING

After installation or at end-of-life, old floors and leftover rolls are collected into bags or on pallets. The customer contacts us to arrange collection.

2. TRANSPORT

Depending on what we've collected, we have several options to bring back the waste: to our recycling centres, to one of our partners or back to base.

3. SORTING

Before the collected materials are ready for recycling, they need to be sorted and potentially cleaned prior to being shredded.

4. RECYCLING

At recycling centres, we convert flooring to raw materials for LVT or other applications, such as street furniture.

5. NEW FLOORING

The recycled materials are used as raw material for new LVT flooring.

6. OTHER APPLICATIONS

If the returned material can't be recycled into new flooring, due to contamination or not being REACH compliant, we then look for other applications.

All roll ends, off-cuts, and non-contaminated flooring produced after 2008 can be recycled through our Recover programme (excluding safety flooring). This service is available in Europe (BE/NL/UK/LUX/FR/DE/CZ/PL). For more information, please contact us at Recover@unilin.com.

MORE INFO



CASE STUDIES

Our partners in Recover are growing

We have several B2B partners working to take back sheet vinyl flooring, and the interest is growing globally. Partners who are main contributors to our programme are Trirecycle (UK), Jordan (DE), JMT Floorcoverings (NL) and Rubik (DE), as well as many French customers and distributors such as GTM bâtiment, Vinci construction and Bouygues bâtiment who collect post-installation sheet vinyl flooring.

Introducing our partners to the recycling process

Last year, JMT Floorcoverings recovered 6 tonnes of sheet vinyl flooring. We visited a recycling centre with them, observing how 4 tonnes was recycled into granules intended for specific, non-flooring applications (downcycling). Another 1.2 tonnes was used for an innovative pilot, recycling textile-backed vinyl into granules that can be reused as a raw material for our LVT flooring.



King Charles' Coronation
United Kingdom

For King Charles' Coronation in Westminster Abbey, London, we supplied 726 m² of Ultimate Wood & Stone and Bingo sheet vinyl flooring, totalling 1.2 tonnes. After the event, we recovered and fully recycled the flooring, demonstrating our commitment to sustainability.





TOWARDS CIRCULARITY



Smart use of resources

- Our raw materials are **delivered in bulk** to avoid unnecessary packaging.
- A part of our energy consumption comes from our **wind farm and solar panels**.
- The water used in the process comes from the **river Scheldt**.
- The gelling drums recuperate the heat from the oven through a revolutionary **heat recovery program**.
- Post-industrial **vinyl waste is recycled** and reused for production purposes, with a circular economy in mind.
- **External heat wheel** to recover internal energy.
- Smart choice of **suppliers**: we look for green-energy made raw materials and recycled content with focus on **ethical and social responsibility**.

recycling plasticizer condensate

To optimize our raw material consumption, we make the most of the available resources. One of our most significant improvements, alongside production energy and process efficiency optimizations, is our plasticizer condensate. Using specialized filters, we can **reuse the plasticizer condensate**, allowing us to recycle internal waste and reduce emissions.





Certifications for our sustainability journey

At IVC, we aim to add value to our customers’ living spaces without compromising on health, comfort or sustainability. In order to do so, we rely on third-party certifications to provide transparency in terms of environmental impact and safety of our products.

Member of the Green Industry

As a leader in flooring, we belong to a wide range of organisations that represent the industry. We are a member of ERFMI (EU), FEB (DE), DGNB (DE) and Kaléi (FR). With both ERFMI and Kaléi we are working together to provide our customers with collective Environmental Product Declarations (EPD) and Fiches de Déclaration Environnementale et Sanitaire (FDES), showing our industry efforts towards greener products. In Belgium, we are a member of the Fedustria and Voka employer organisations. As part of these organisations, we consider it important to work together for a green industry.



Environmental management

Since 1997 IVC has made substantial efforts towards a precisely tailored, fully integrated environmental management system. In 2012 we were awarded ISO 14001 certification, showcasing our commitment to environmental responsibility. This certification for ecological performance is a good reflection of our past efforts and current compliance with environmental rules and regulations.



Quality management

As part of our ISO 9001 certification, we have implemented a quality management system that enables us to comply with the strictest regulations. This demonstrates our ability to consistently provide products that meet customer and regulatory requirements.



Ecolabels

Together with temperature and humidity, air quality is one of the most important factors in interior environments. We want to make sure that our vinyl flooring – often a central part of people’s living spaces – contributes to healthy and safe living spaces, and to ensure that they don’t pose any health risks to our end users. To do so, we make sure that our finished products intended for interior use comply with some of the strictest indoor emission labels.







Get in touch

Want to learn more about IVC Commercial's flooring solutions, or need help tackling an exciting project? We've got you covered.

Go to ivc-commercial.com to browse our collections, order samples, download inspirational brochures or stop by one of our showrooms.

You can also make an appointment with our dedicated team by emailing info@ivc-commercial.com.

Follow us on [in](#) [p](#) [@](#) [f](#) [v](#)



Technical specifications

Spécifications techniques - Technische specificaties - Technische Spezifikationen

The warranty covers manufacturing defects and premature wear in the event of normal use. The products do not contain any substances from the current candidate list published by ECHA (substances of very high concern) to be published under the REACH regulation. Exclude any rubber parts that may come into direct contact with the flooring (chair ends, furniture, wheels). Use only PVC or polyethylene components.

IVC reserves the right to change or amend any written information without notice. Ensure you have the latest information by referring to the website.

*Tested on concrete subfloor.

