



COMMERCIAL



Optimise 70

Strong, silent and colourful



Optimise 70

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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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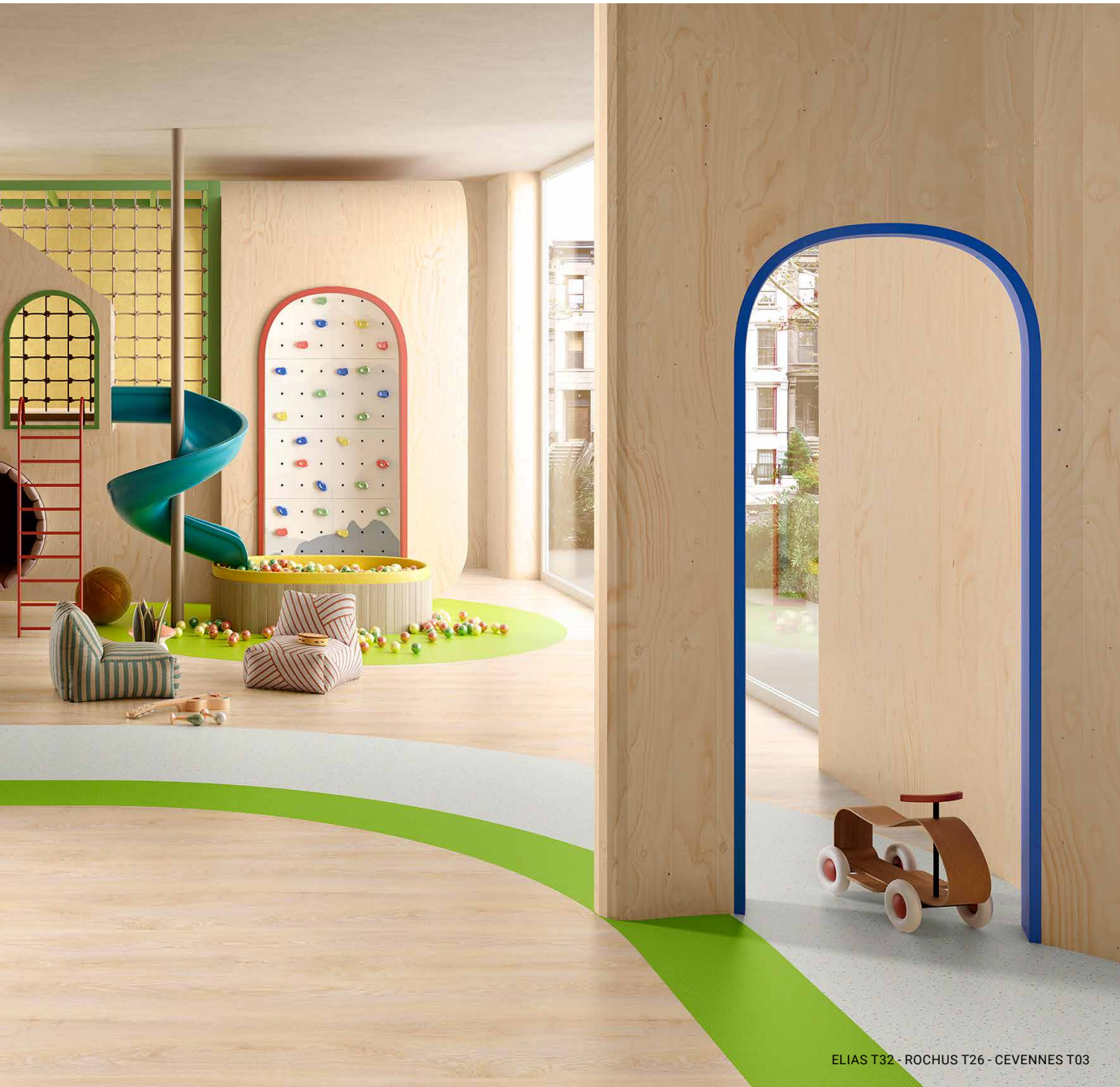


INSPIRATION

FIRST FLOOR
- STUDY ROOM
- LIBRARY

OUTDOOR
- BASKETBALL
- SWIMMING
- BASEBALL

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.



INSPIRATION

NOEMI T35

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

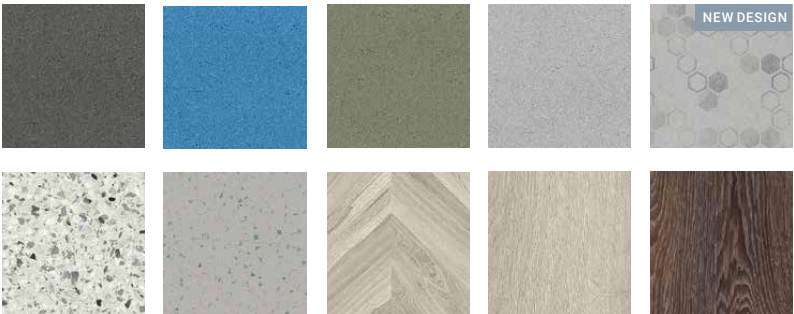


INSPIRATION

ROCHUS T86 - T93 / TORONTO T91

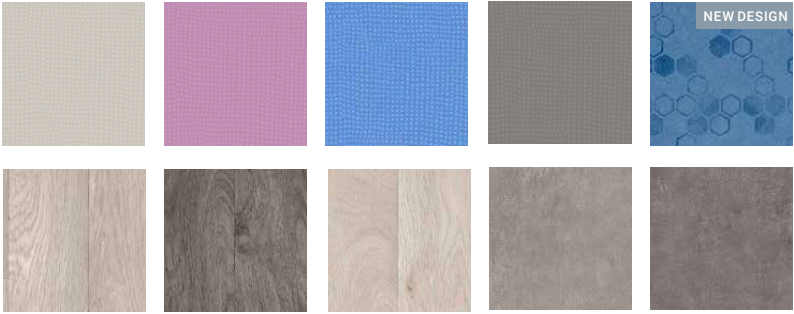
Deep forest

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



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



HUNGARIAN POINT



Olympus T91

ENDLESS WOOD



Olympus T33

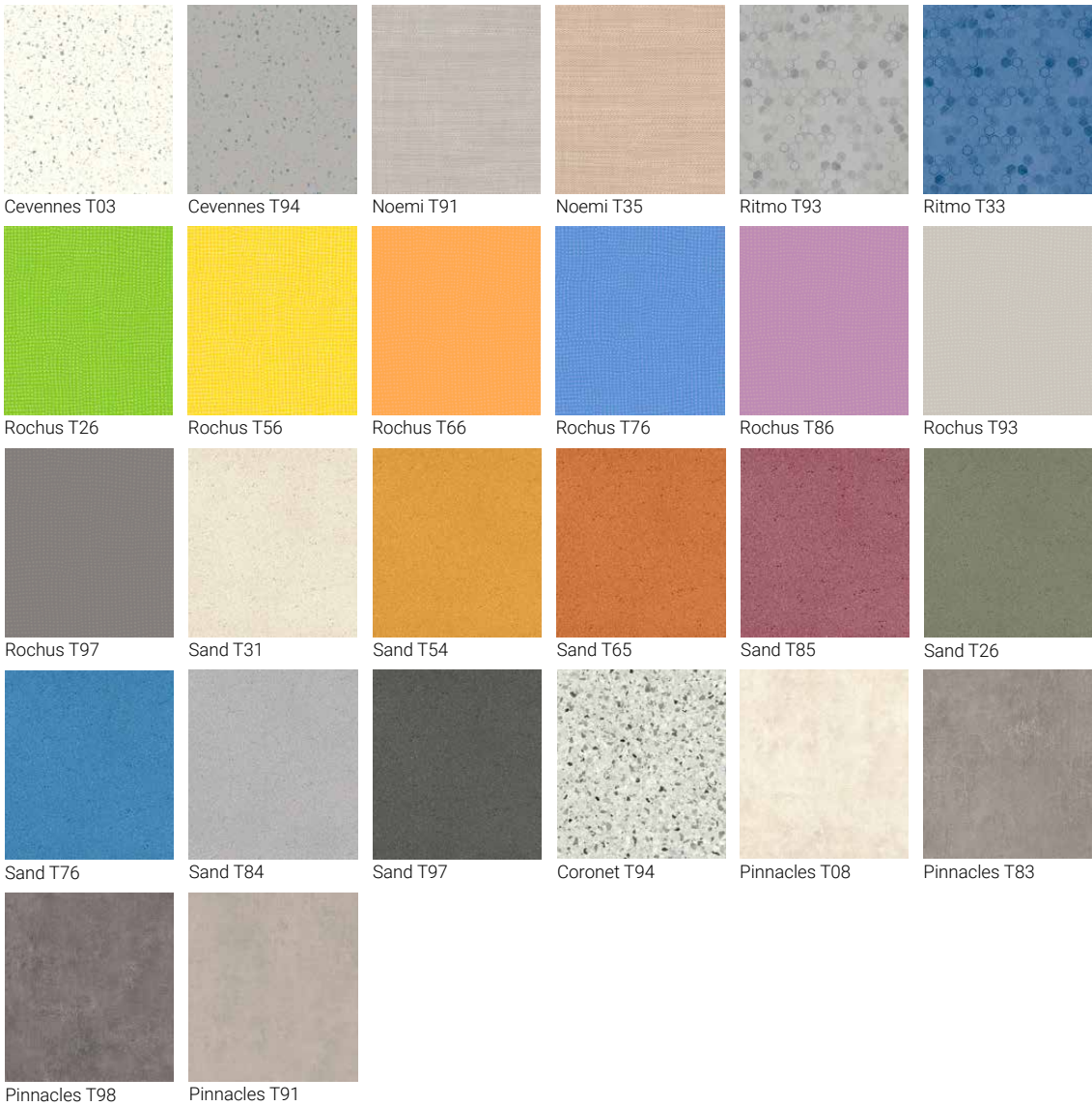


Elias T93

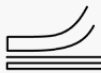


Elias T32

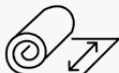
COLOUR AND MATERIAL



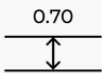
What makes Optimise 70 unique?



GLUED



AVAILABLE WIDTH
2 M



WEAR LAYER



SUPER ACOUSTIC
19 dB



HEAVY TRAFFIC



SANITEC®



WIDE RANGE



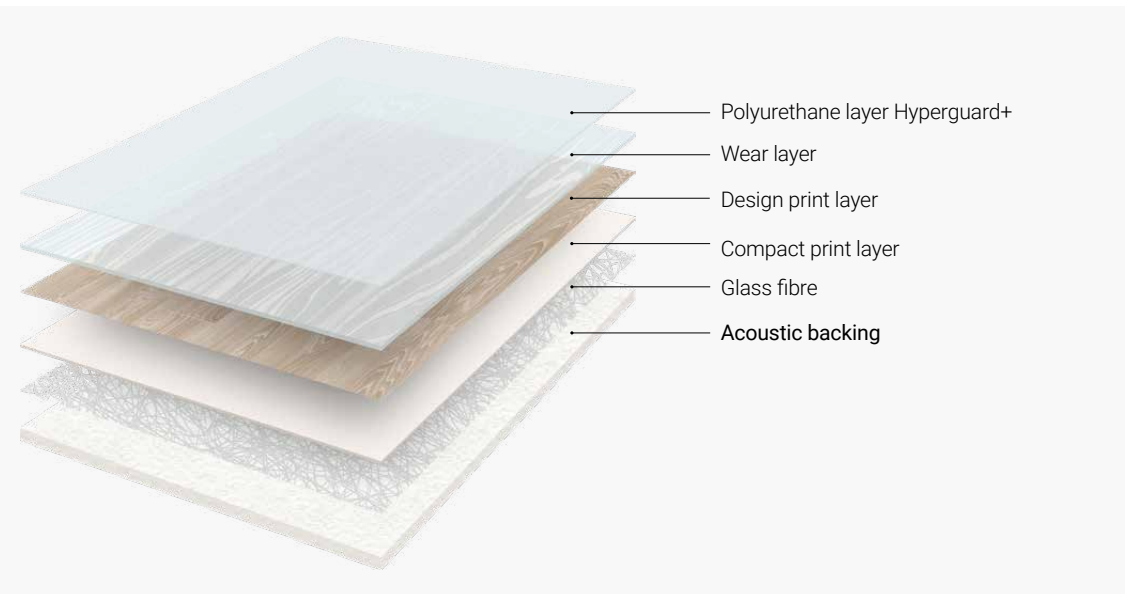
12 YEARS
WARRANTY

Order
free samples



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

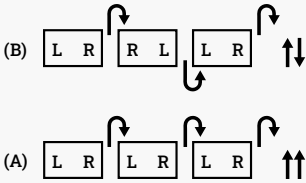
Always follow the installation instructions about direction:

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.





NOEMI T91



TECHNICAL INFORMATION / THERMAL CONDUCTIVITY

Underfloor heating and cooling

Thermal conductivity

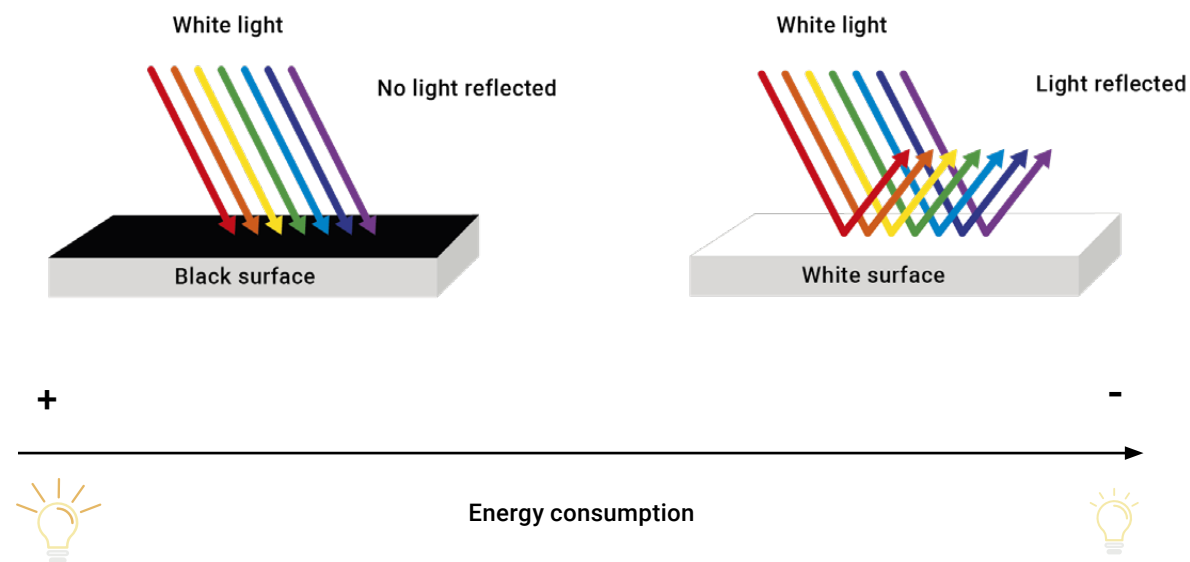
Heterogeneous sheet vinyl is one of the best types of flooring to use with underfloor systems. And with a thermal conductivity of **0.098 W/(m.K)**, Optimise 70 is an excellent choice for both underfloor heating and cooling.

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).

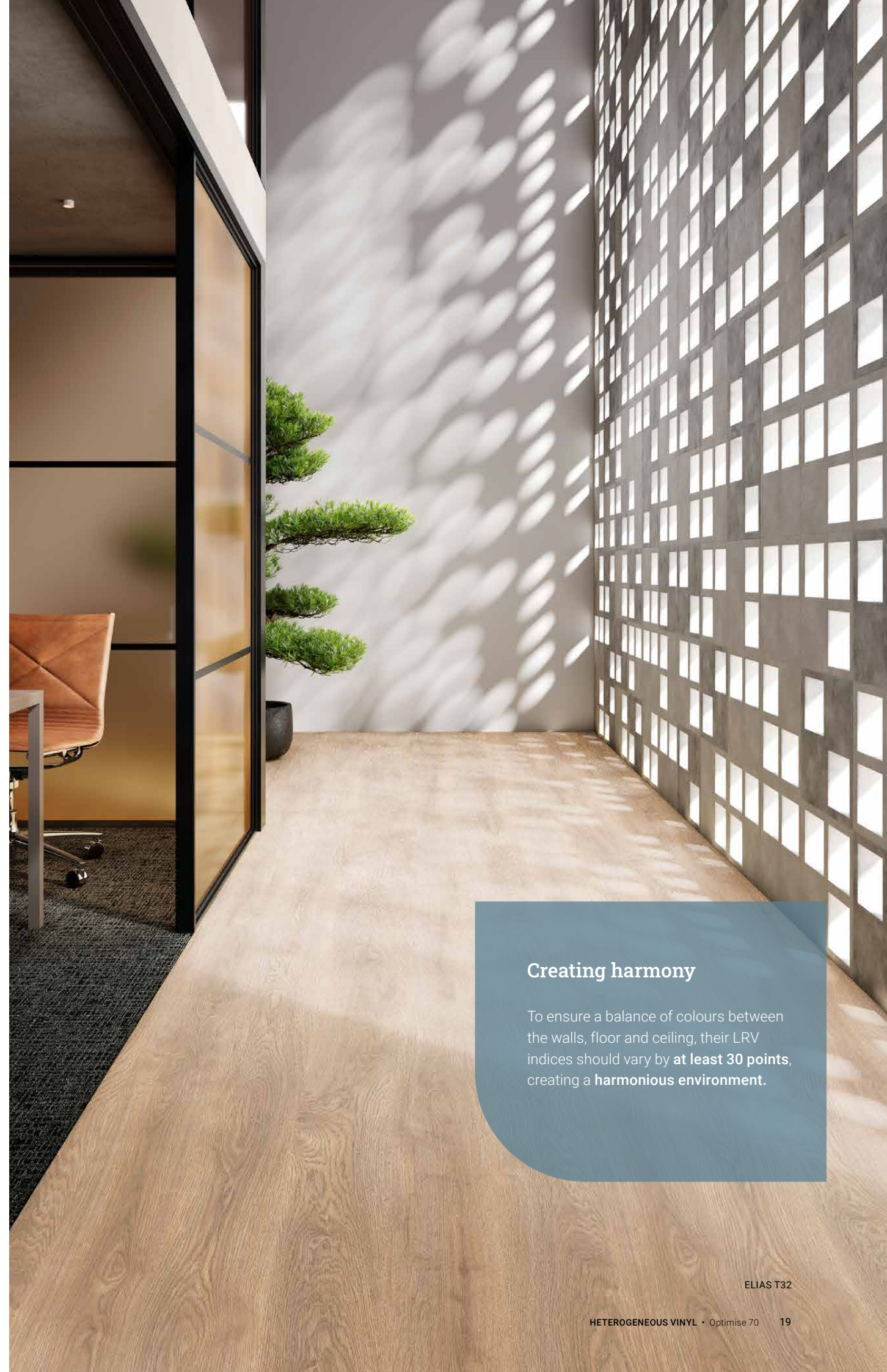
In addition to its colour, the structure and finish of a product contributes to its LRV.

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**.





TECHNICAL INFORMATION / TREATMENTS

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.



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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



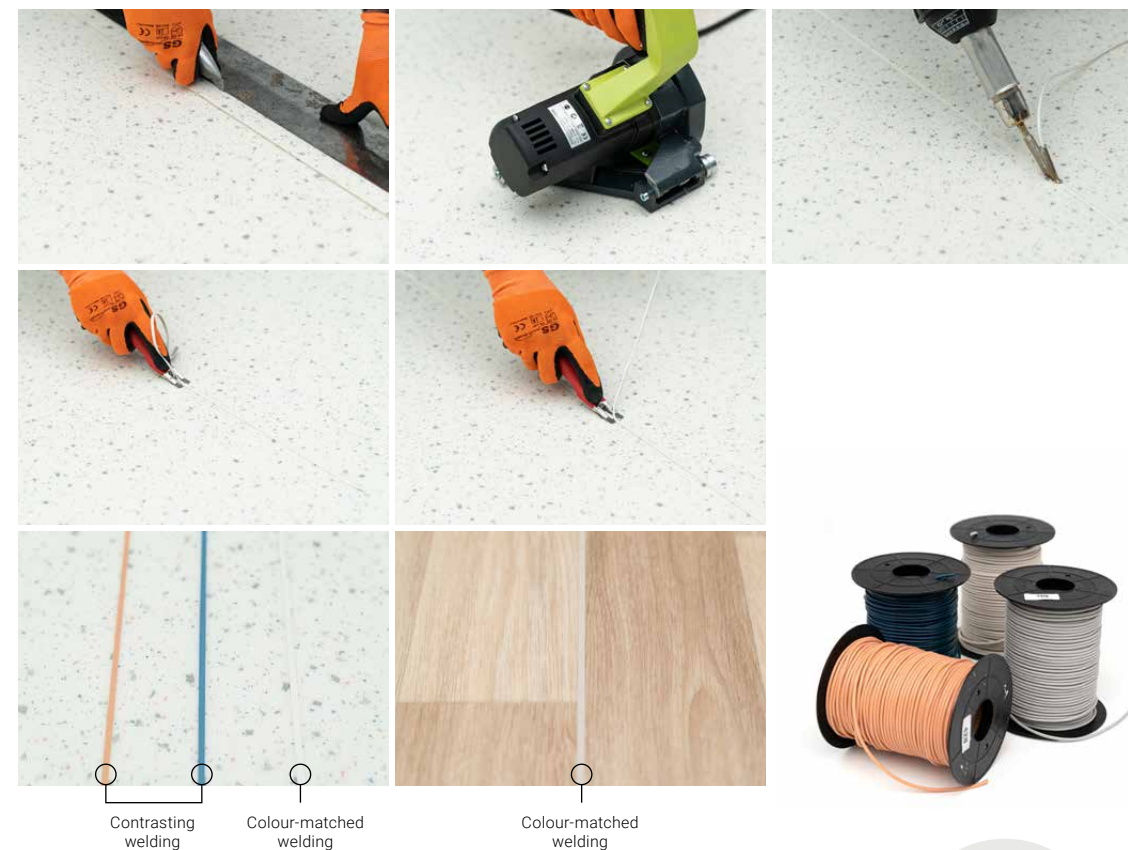
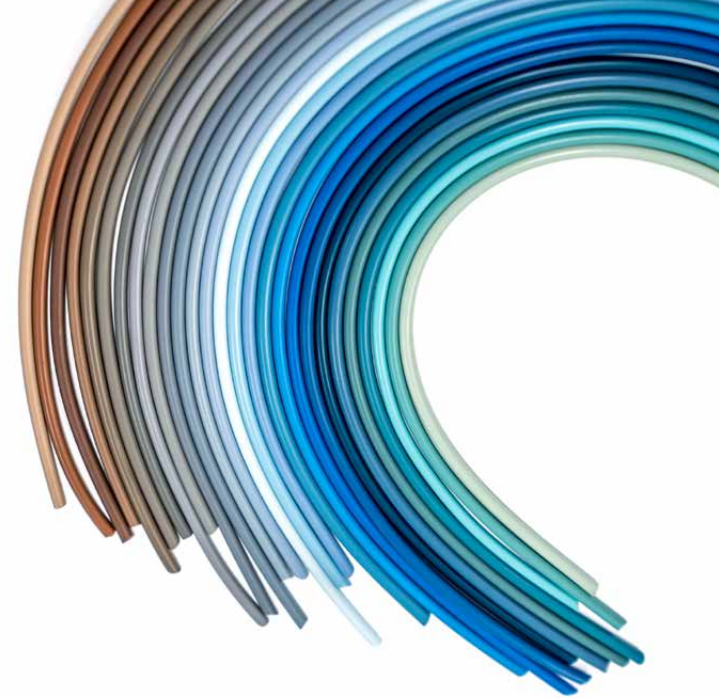
Our welding rods are available in a wide variety of colours to match our floors

TECHNICAL INFORMATION

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.

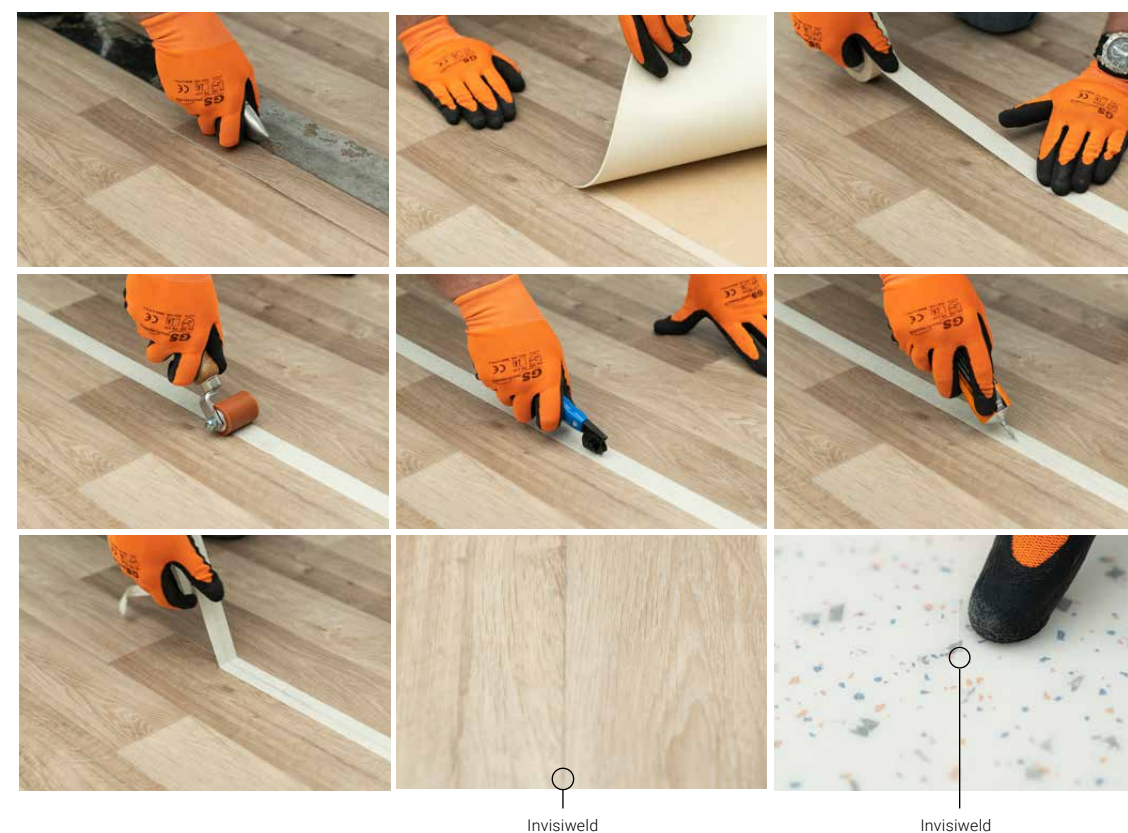


This is a summary of the full installation instructions. Scan for more details

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



QUICK
INSTALLATION

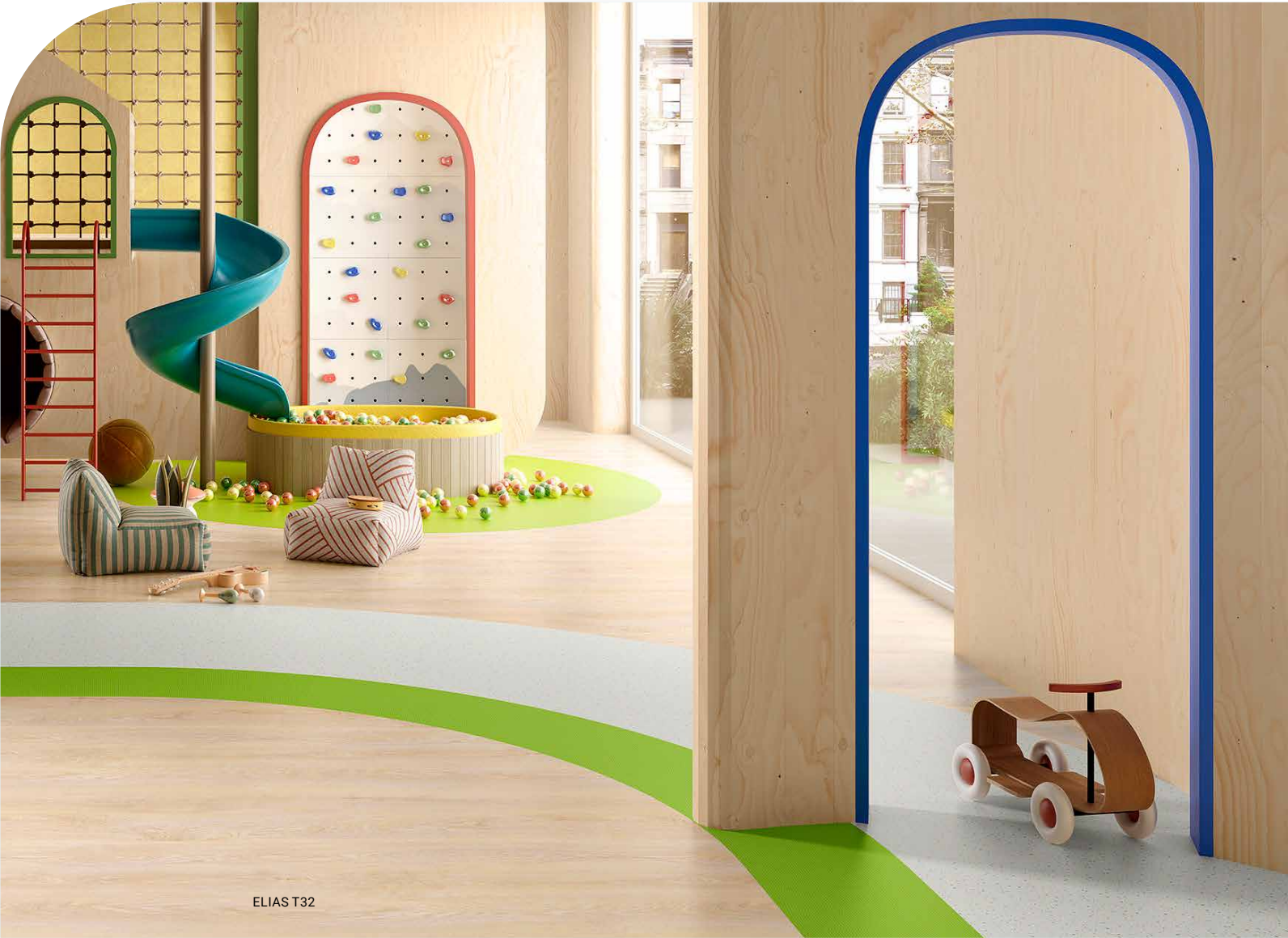


COST EFFICIENT



LESS CUTTING
WASTE

Looking for
seamless
wood designs?
Choose
Elias!



ELIAS T32



Our sustainability journey

SUSTAINABILITY

One group, one vision

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.

SUSTAINABILITY • ONE HOME

ONEHOME



Planet home

Greenhouse gas emissions must be reduced or even completely eliminated. This is a major challenge for the manufacturing industry, as we still too often burn fossil fuels and end-of-life products. We need to switch to circularity, using **renewable or recycled materials** and making **recyclable products**.



Your home

A healthy, comfortable and sustainable living environment is more important than ever. The products we make must provide **added value to our customers**, without compromising on **health, comfort or sustainability**.

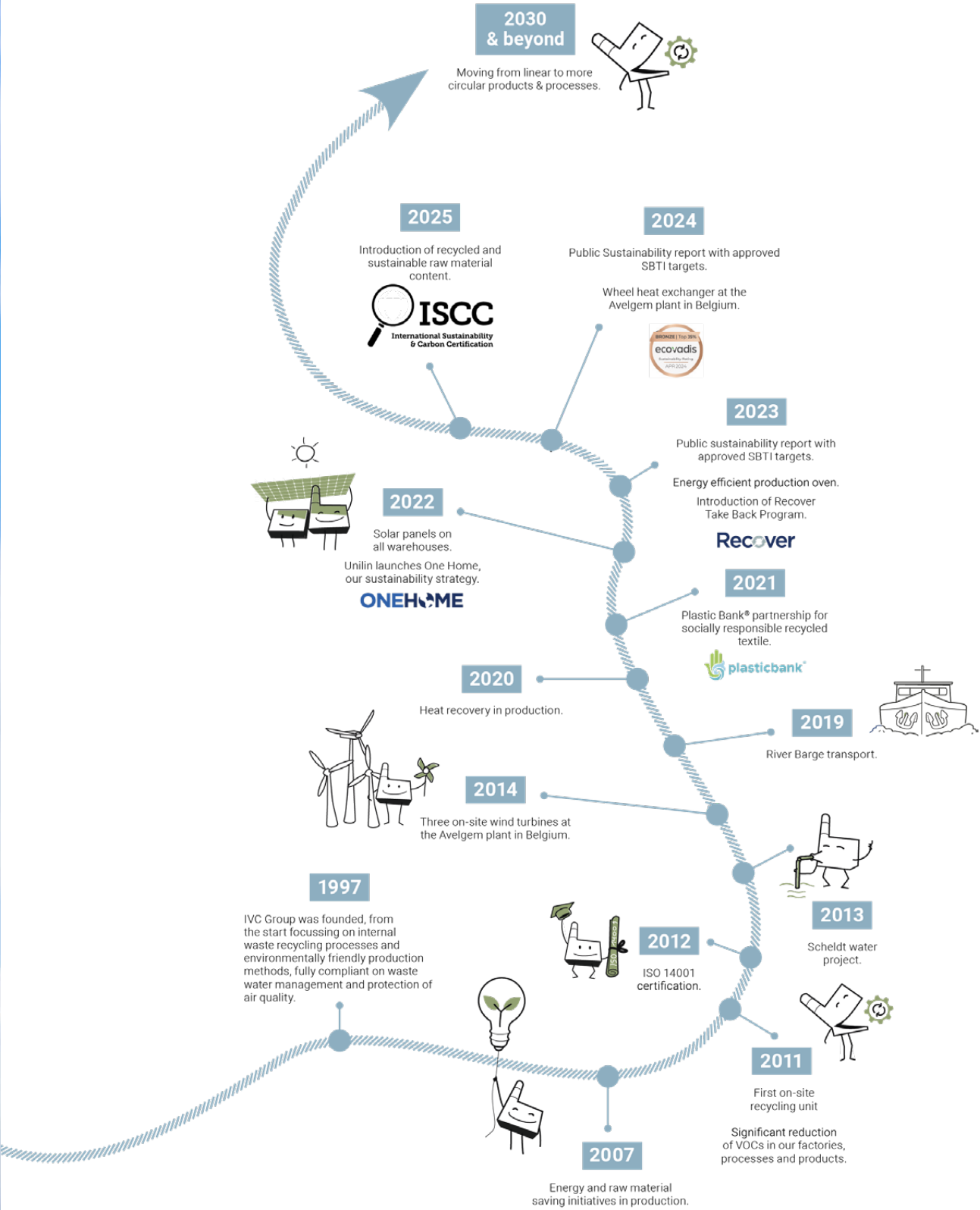
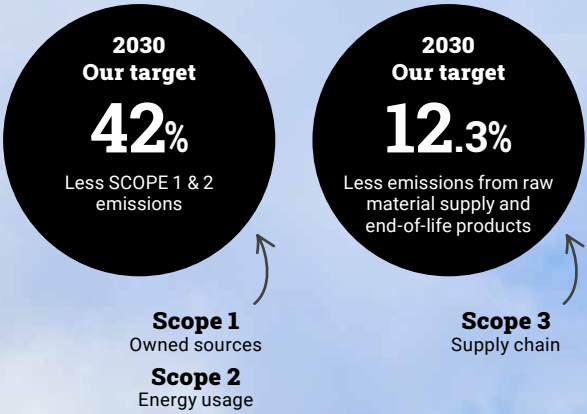


Our home

Our company is a second home for **more than 8,000 employees**. We aim to create a **positive, stimulating and safe working environment** where they feel good and valued; an environment where everyone can challenge themselves and continue to grow. Our community, municipalities and neighbours also form a significant part of our story.

TIMELINE

Our sustainability journey through time

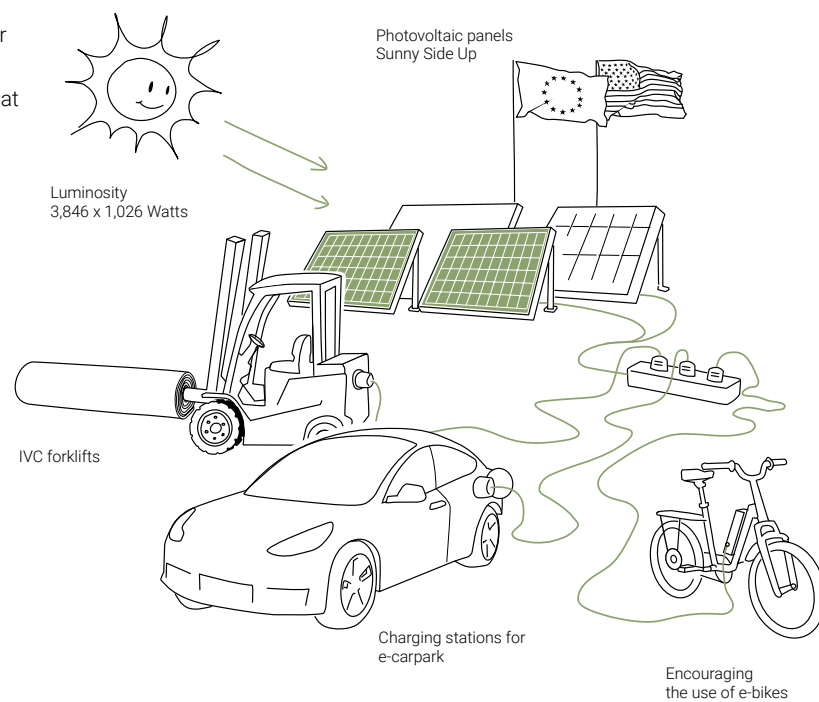


NATURAL RESOURCES

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



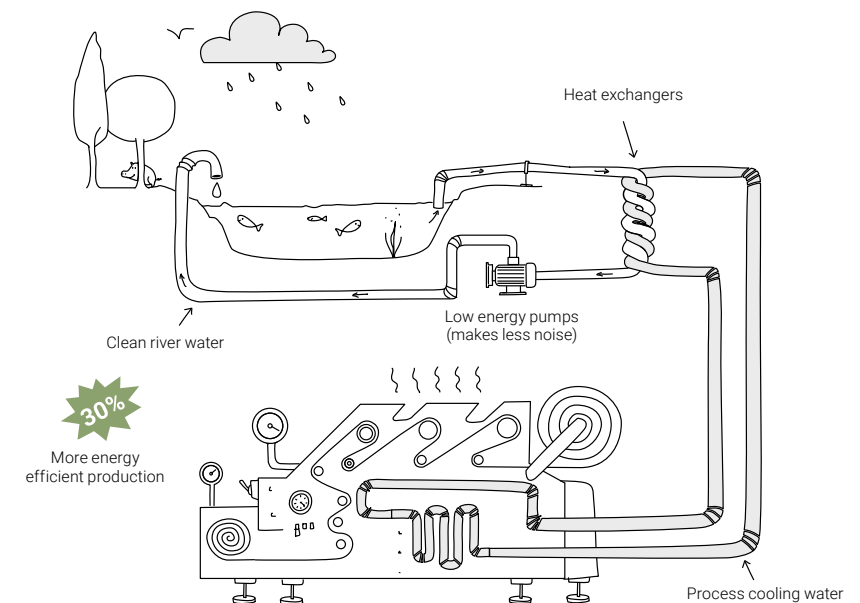
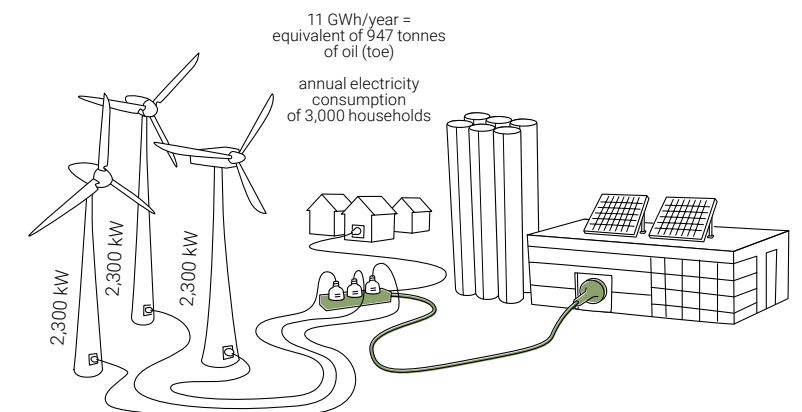
Unilin's headquarters in Waregem (Belgium) has been turned into a sustainable base. It uses heat recovery, intelligent lighting technology and is powered by solar panels on the building.



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 **11,000 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 4,000 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.

TOWARDS CIRCULARITY

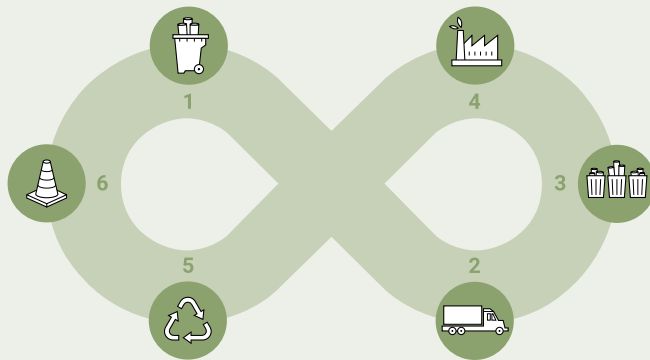
Recover, A new life for floors

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

MORE INFO:



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 the waste back: to our recycling centres, send it to one of our partners or send it back to base.

3. SORTING

Before the collected materials are ready for recycling, they need to be sorted and 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 material is used as raw material for new LVT flooring.

6. OTHER APPLICATIONS

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

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.



Recover
UNILIN TAKE BACK PROGRAM

2024: 245 tons sheet vinyl or around **600 tons CO₂** saved in Europe and UK.

2025: targeting 350-430 tons vinyl or up to **1000 tons CO₂** emission reduction.

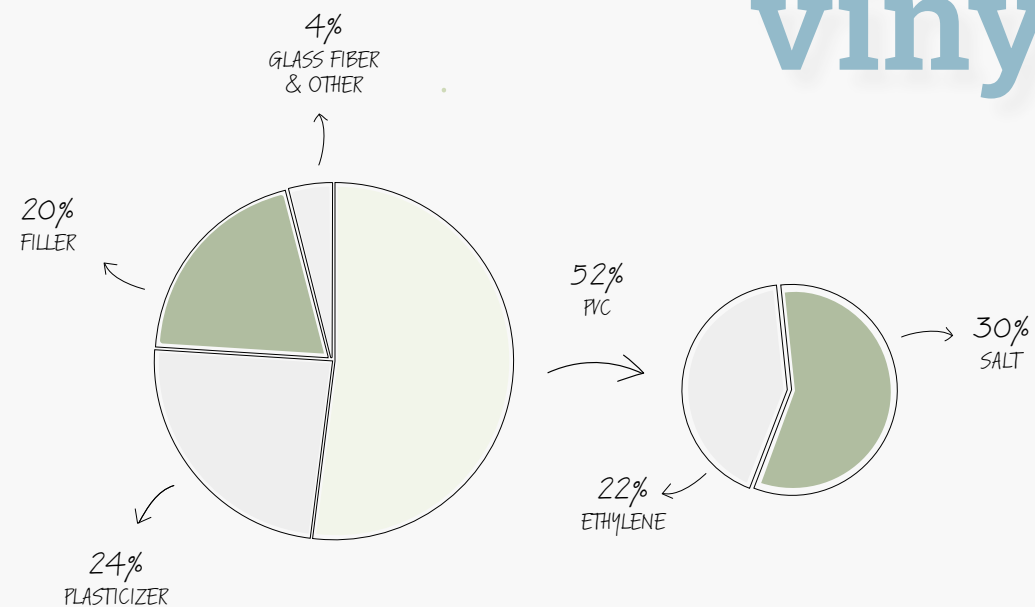


TOWARDS CIRCULARITY

Always innovating

New perspective on sheet vinyl:
what's really inside Optimise 70

Natural side of vinyl



Sheet vinyl is not a purely chemical-based product. **54%** of the components in Optimise 70 come from **natural sources**.

● chemicals
● natural content

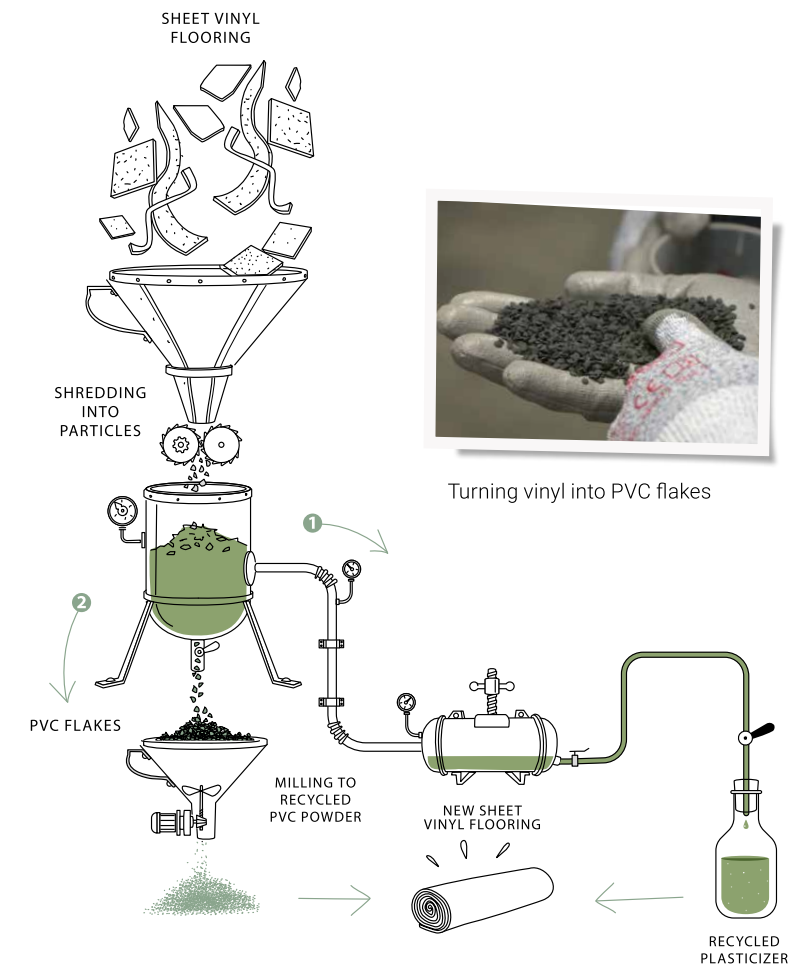
Smart use of resources

- 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**.



ReVinylize, our newest technology

Our ultimate goal? A fully circular product. Using an innovative recycling technology, we aim to make all layers of our sheet vinyl circular. We're completely rethinking our products: how can we use recycled sheet vinyl in the development of new sheet vinyl? In order to do this, we're taking a two-pronged approach, centred on the **micronisation of sheet vinyl** on the one hand and the recycling of plasticizers via innovative **extraction technology** on the other hand.



ReVinylize®

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) 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](#) [i](#) [f](#) [v](#)



Optimise 70

Heterogeneous vinyl

Technical specifications

Spécifications techniques - Technische specificaties - Technische Spezifikationen

Flooring type / Type de couverture - Type vloer - Fußbodenart		Acoustic flooring
Heterogeneous PVC / PVC hétérogène - Heterogene PVC - Heterogene PVC	EN ISO 11638	
Type of installation / Type de pose - Type installatie - Art der Installation		Glued
Level of use / Classe d'usage - Gebruiksklasse - Eignungsklasse	EN ISO 10874	23 - 34 - 42
Total thickness / Epaisseur totale - Totale dikte - Gesamtdicke	EN ISO 24346	3.40 mm
Wear layer / Couche d'usure - Slijtlaag - Nutzschicht	EN ISO 24340	0.70 mm
Wear layer PUR treatment / Traitement polyuréthane - PUR slijtlaag behandeling - Schutz vor Schmutz PUR		Hyperguard+
Fonghi-bacterio static treatment / Traitement fongi-bacteriostatique - Schimmel-bacteriewerende behandeling - Keimfreie Oberfläche	ISO846-A - ISO22196	Sanitec
Total weight/m² / Poids total/m² - Totaal gewicht/m² - Gewicht/m²	EN ISO 23997	ca. 2,9040 g
Width / Largeur - Breedte - Breite	EN ISO 24341	2 m
Standard length / Longueur standard - Standaardlengte - Standardlänge	EN ISO 24341	ca. 25 m
Weight of standard roll / Poids standard des rouleaux - Standaard rolgewicht - Standard-Rollengewicht		ca. 149 kg
Inflammability / Classement feu - Brandklasse - Brandverhalten	EN 13501-1	Bfl-S1*
Slip resistance / Glissance - Antislip - Rutschfest	EN 13893	DS
Slip restraint / Résistance au glissement - Slipweerstand - Rutschhemmung	EN 16165 Annex B	R11
Residual indentation / Poinçonnement rémanent - Restindruk - Eindrückverhalten Average value / valeur moyenne - gemiddelde waarde - Durchschnittswert	EN ISO 24343-1	norm ≤ 0.20 mm 0.12 mm
Furniture leg resistance / Résistance au pied de meuble - Meubelpoottest - Möbelschubtest	EN ISO 16581	PASS
Curling / Incurvation - Krulling - Schüsselung	EN ISO 23999	≤ 8 mm
Electrical resistance / Résistance électrique - Elektrische weerstand - Elektrischer Widerstand	EN 1081	2.09 x 10 ⁸ Ohm
Static electrical propensity / Accumulation de charges électrostatiques - Electrostatische Propensiteit - Elektrostatische Verhaltung	EN 1815	≤ 2kV (antistatic)
Dimensional stability / Stabilité dimensionnelle - Dimensionele stabiliteit - Massänderung Average value / valeur moyenne - gemiddelde waarde - Durchschnittswert	EN ISO 23999	norm ≤ 0.40% 0.05%
Thermal conductivity / Conductivité thermique - Warmtedoorgangscoefficient - Wärmeleitfähigkeit	ISO 8302 (1991)	0.098 W/(m.K)
Heat insulation / Isolation thermique - Thermische isolatie - Wärmedurchlasswiderstand	EN 12667:2001-01	0.0375 (m².K/W)
Binder quantity in wear layer / Taux de liant dans la couche d'usure - Hoeveelheid bindmiddel in slijtlaag - Bindemittelmenge in der Nutzschich	EN 11638	Type I
Abrasion group / Groupe d'abrasion - Slijtageweerstand - Verschleißverhalten	EN 660-2	Class T
Indoor air quality / Qualité de l'air intérieur - Binnenmilieu - Raumluftqualität		LOW VOC
Acoustic insulation / Efficacité acoustique - Kontaktgeluidisolatie - Trittschallverbesserungsmaß	EN ISO 717-2	ΔLw 19 dB
Castor chair resistance / Résistance aux chaises à roulettes - Bestand tegen stoelwielen - Stuhlrollenfestigkeit	EN ISO 4918	PASS
Castor type / Type de chaises à roulettes - Type stoelwielen - Stuhlrolle Typ	EN 12529	Type W
Light fastness / Résistance à la lumière - Lichtechtheid - Lichtechtheit	ISO 105-B02	≥ 6
Underfloor heating / Chauffage par le sol - Vloerverwarming - Bodenheizung	EN 12524/EN 12667	Suitable ≤ 27°C
Resistance to chemicals / Résistance aux produits chimiques - Chemicalienresistentie - Chemikalienbeständigkeit	EN ISO 26987	Very good
Hot welding / Soudure thermique - Warm lassen - Thermische Verschweißung		Available
Cold welding / Soudure à froid - Koud lassen - Kaltverschweißung	Invisiweld	Suitable
Warranty years / Durée de la garantie en années - Garantie in jaren - Garantie Jahren		12

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.



As of production from
september 2024

