



ntgrate[®]

**sustainability in practice
2014-2026**

woven flooring
from yarn to impact.

**part of your
sustainable
story.**

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**part of
your story.**

Woven flooring does more than fill a space.
It becomes part of your story.

Every roll, every tile, every pattern is woven in Belgium. What you specify is not a finish added at the end, but a material that actively shapes atmosphere, movement and sound.

In offices, hospitality, retail and public interiors, woven flooring contributes to spatial clarity, acoustic comfort and material depth.

Design and engineering are developed together, ensuring reliable performance in demanding commercial environments.

Brands like Google, Mercedes and Coca-Cola choose ntgrate to help define their spaces.



crisp Peter
design collection



from yarn to structure.

It starts with the yarn.

Bi-colour vinyl is extruded around our fiberglass core, forming the backbone of its dimensional stability and durability.

Jacquard looms define the weave. Thermofixation stabilises the woven structure at its core. Integrated with our acoustic underlay, it creates a single, stable flooring system for intensive commercial use.

Each stage of the process follows strict material and production specifications.



built for the long term.

Sustainability is engineered into the way we operate.

Our BREEAM-certified production facility is powered by renewable energy and designed for long-term efficiency. Rainwater recovery and energy-conscious infrastructure (1,000 solar panels) reduce impact while reinforcing operational stability.

Material efficiency and waste reduction are integrated throughout the production process.

We invest in infrastructure, not statements. Long-term performance requires long-term thinking.

**our
sustainability
journey.**

We started in 2014 with a clear focus: developing durable flooring for intensive commercial use.

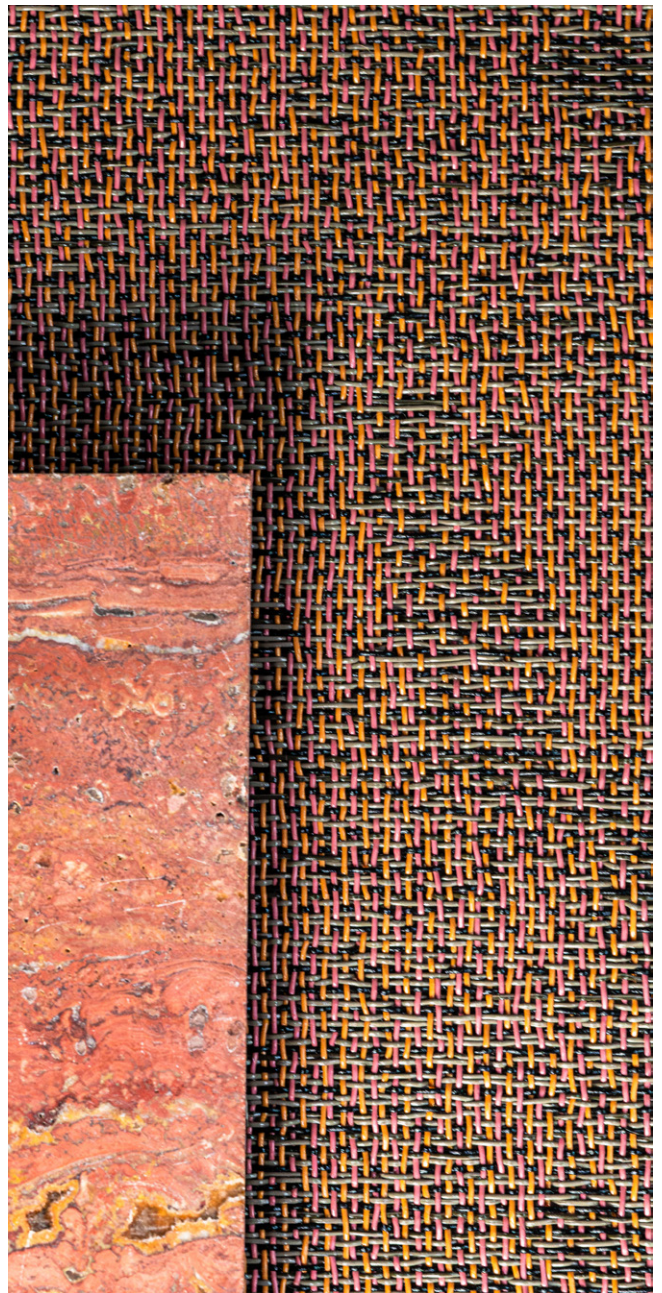
At that time, our product relied heavily on virgin fossil materials. That was standard in the industry.

Since then, we have worked on reducing that dependency.

Not in one step, but through continuous adjustments in material composition, production and product design.

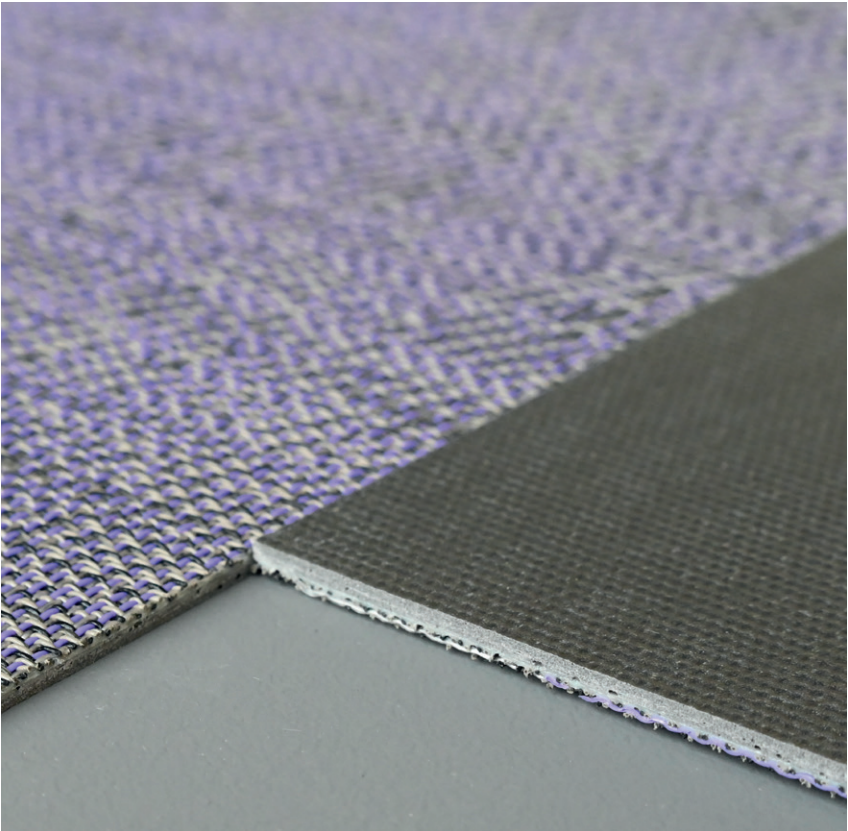
Each change had to meet the same requirements: durability, acoustic performance and safety.

The following pages show how that evolution took place, from our first product to our current low-carbon compositions.



crisp Rosa
design collection

2014 | DURABLE WOVEN FLOORING



Our first 13dB backing, made of vinyl.

COMPOSITION OF OUR FLOORING IN 2014



- 62% mineral
- 38% virgin fossil content

In 2014, our flooring with a solid vinyl backing was composed of 38% virgin fossil content. With the remaining 62% derived from mineral-based materials.

starting point.

In 2014, we developed a woven vinyl flooring solution designed for intensive commercial use.

The focus was on durability. The product performed well under heavy traffic, was easy to maintain and had a long lifespan.

At the same time, it relied heavily on virgin fossil materials. This was standard in the industry.

The product met the required standards for commercial use, including class 33 certification and fire safety requirements.

This starting point defined the baseline for further development.

2020 | FIRST USE OF RECYCLED CONTENT



- 50% recycled
- 50% virgin fossil content

2020 | GREENFELT ACOUSTIC UNDERLAY

First step towards a better acoustic flooring and introduction of recycled content. Our integrated Greenfelt acoustic underlay is for 50% made out of recycled content.



- 53% mineral
- 42% virgin fossil content
- 5% recycled

2020 | TOTAL PRODUCT COMPOSITION

In 2020, our flooring with the integrated Greenfelt 19dB acoustic underlay was composed of 42% virgin fossil content with the remaining 58% derived from mineral-based materials and recycled content.

PRODUCT COMPOSITION: 2014 - 2020



first use of recycled content.

In 2020, we introduced our Greenfelt acoustic underlay.

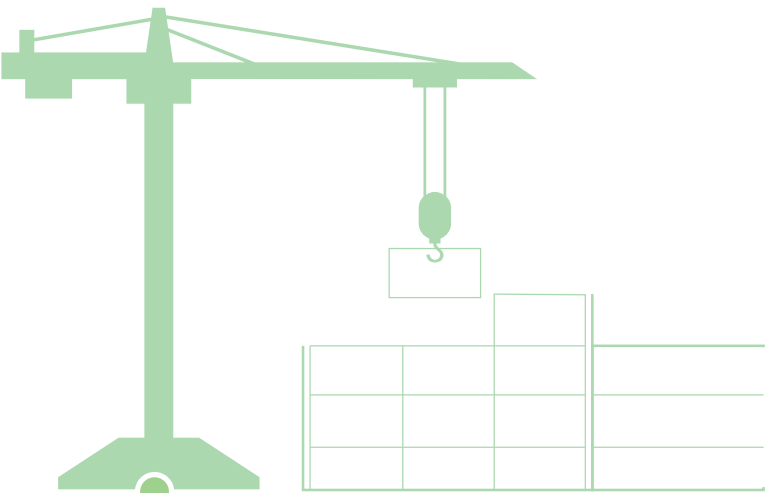
This marked the first step in reducing our dependence on virgin fossil materials.

The underlay contained 50% recycled content, replacing part of the previous vinyl-based backing.

This change also improved acoustic performance and reduced the overall weight of the product, lowering transport impact

The name Greenfelt was chosen because it reflects both the ecological benefits and its role in acoustic performance.

2021 | NEW HEADQUARTERS

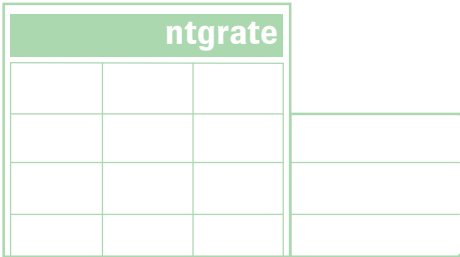
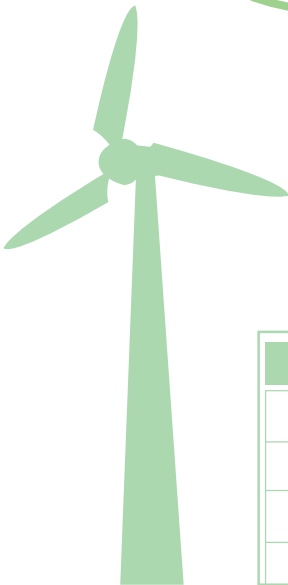


2019 | START OF CONSTRUCTION

In 2019 we started the construction of our new headquarters. BREEAM rated 'Very Good' so the building reflects our ambition in terms of sustainability.

2021 | COMPLETION

Construction was finished in 2021. Our headquarter includes our offices, experience center and also our manufacturing unit where we produce our yarn and weave all of our flooring. 100% designed & made in Belgium.



production and infrastructure.

In 2021, we moved into our BREEAM-certified headquarters in Belgium.

The building combines production, development and offices in one location.

It is designed to reduce environmental impact through:

- renewable energy (solar panels)
- rainwater collection and reuse
- geothermal heating and cooling
- maximum use of daylight in offices and production

This setup improves process control and reduces transport between production steps.





2022 | INTEGRATED GREENFELT 22DB ACOUSTIC UNDERLAY



- 50% recycled
- 50% virgin fossil content

2020 | GREENFELT ACOUSTIC UNDERLAY

Our integrated Greenfelt acoustic underlay is for 50% made out of recycled content.

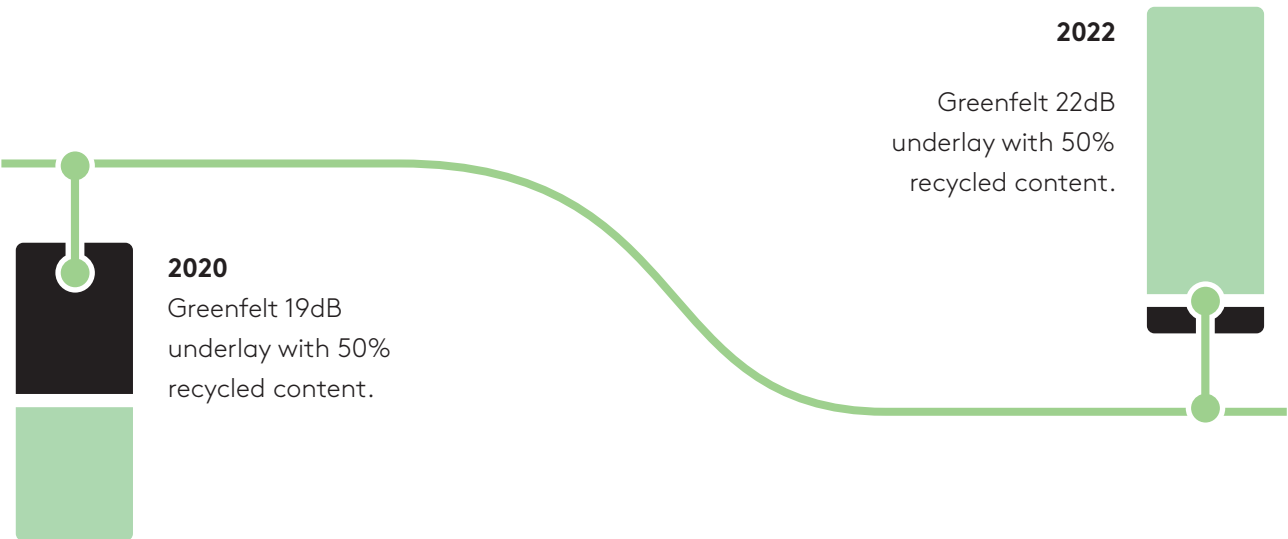


- 90% recycled
- 10% virgin fossil content

2022 | GREENFELT 22DB ACOUSTIC UNDERLAY

In 2022 we raised the recycled content in our underlay to 90% with the introduction of Greenfelt 22dB.

GREENFELT UNDERLAY COMPOSITION: 2014 - 2020



increase of recycled content and acoustics.

In 2022, we introduced Greenfelt 22dB.

The acoustic underlay increased the share of recycled content to 90%, mainly from post-consumer PET.

At the same time, impact sound reduction improved to 22dB.

This showed that increasing recycled content and improving performance can go together.

2023 | INTRODUCTION OF OUR REVOLUTION PROGRAM

OUR APPROACH TO REDUCING OUR CARBON FOOTPRINT.



REduce We reduce the amount of waste in our manufacturing whilst reducing the amount of virgin fossil content in our flooring.



REntgrate We love to see our flooring re-used as flooring in a second life thanks to our REntgrate initiative.

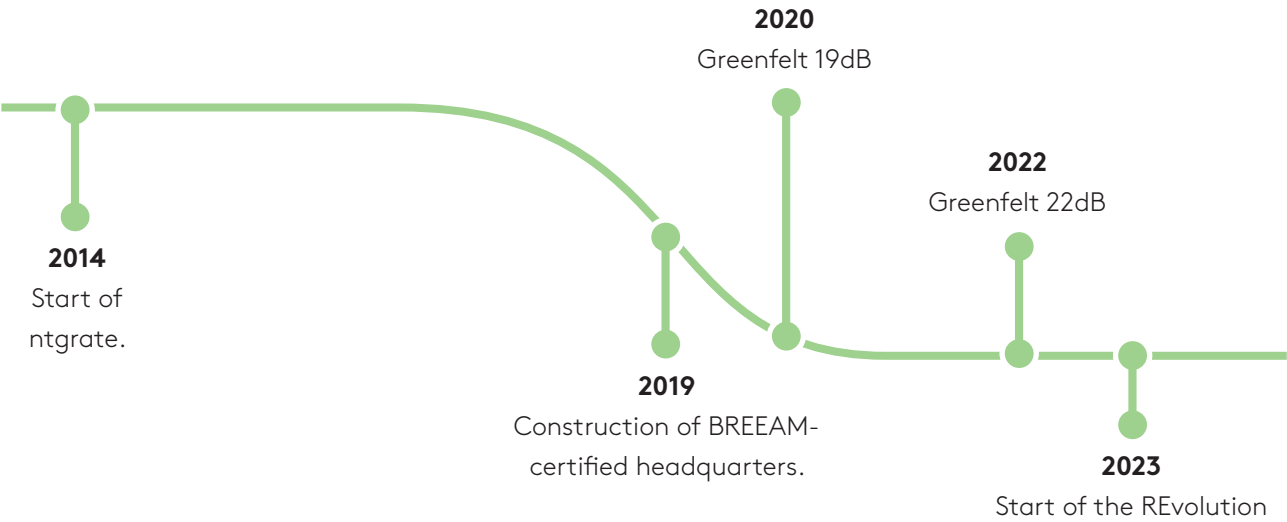


REcycle We incorporate recycled content in our own products while keeping our own flooring 100% recyclable.



Landfill We introduced our REvolution program to reduce our carbon footprint and to avoid creating more waste going to landfill.

SUSTAINABILITY JOURNEY: 2014 -2023



reducing impact across the lifecycle.

In 2023, we structured our approach to lowering impact through three principles:

- REduce: lowering material use and reducing production waste
- REcycle: increasing recycled content while maintaining recyclability
- REntgrate: enabling reuse through glueless installation and take-back

This shifts the focus from product alone to the full lifecycle.

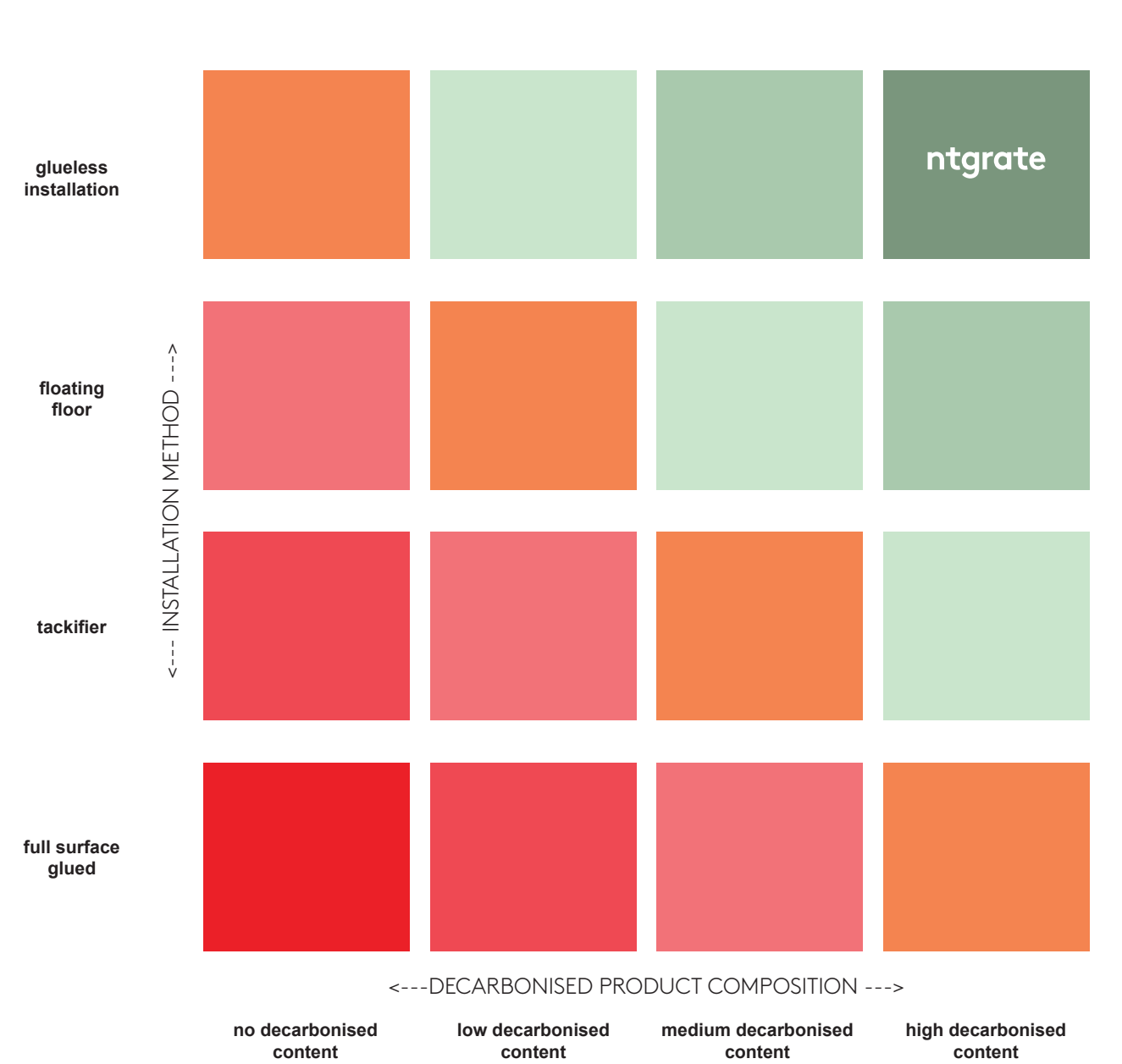
2023 | DECARBONISATION DIAGRAM

The impact of flooring is influenced by two main factors:

- material composition
- installation method

Lower fossil content reduces impact at product level. Installation methods determine whether materials can be reused or lost.

Glueless systems allow disassembly and reuse. Fully glued systems prevent this. Reducing impact requires both.



our carbon footprint.

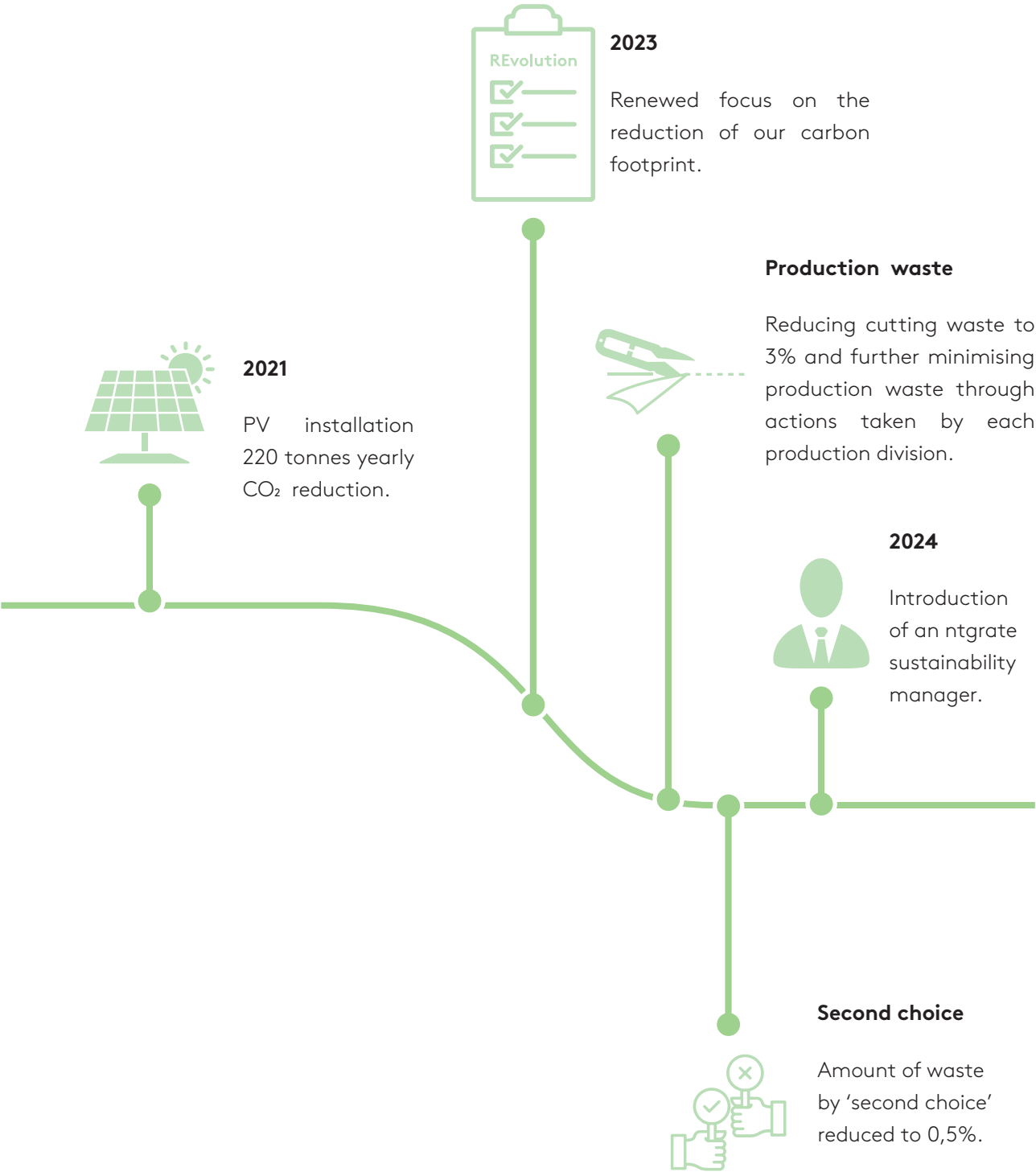
With REvolution, we focus on reducing material use and enabling reuse.

We design our flooring to be reused, not discarded. Recycled content is part of the input, full recyclability remains the output.

REntgrate extends the lifecycle of the floor and lowers overall impact. Combined with low-carbon material compositions, this defines our approach.

Lower impact comes from reducing and reusing, not just recycling.

EMBEDDING REVOLUTION IN OUR COMPANY CULTURE



reducing material use and waste.

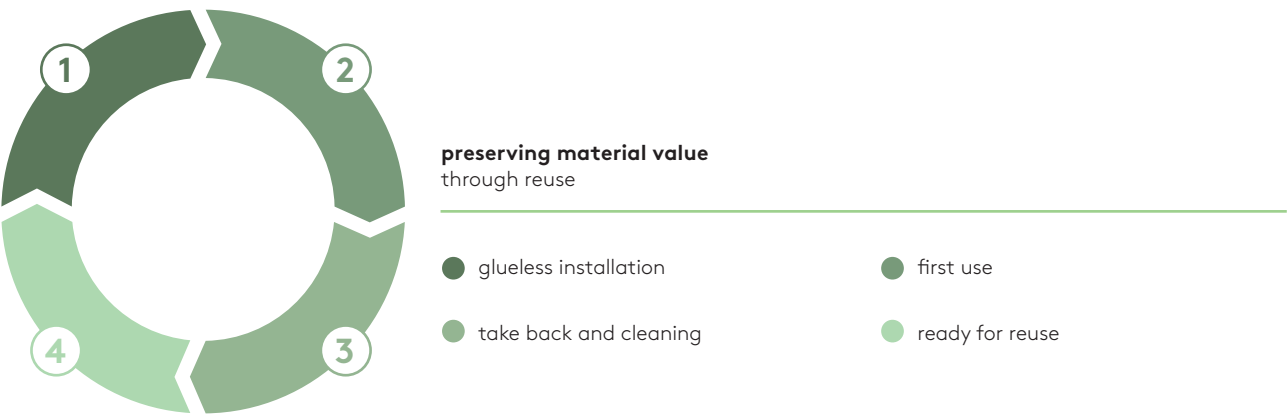
Reducing impact by lowering material use and limiting production waste.

Material composition is optimised to reduce virgin fossil input. Production processes are adjusted to minimise off-cuts and defects

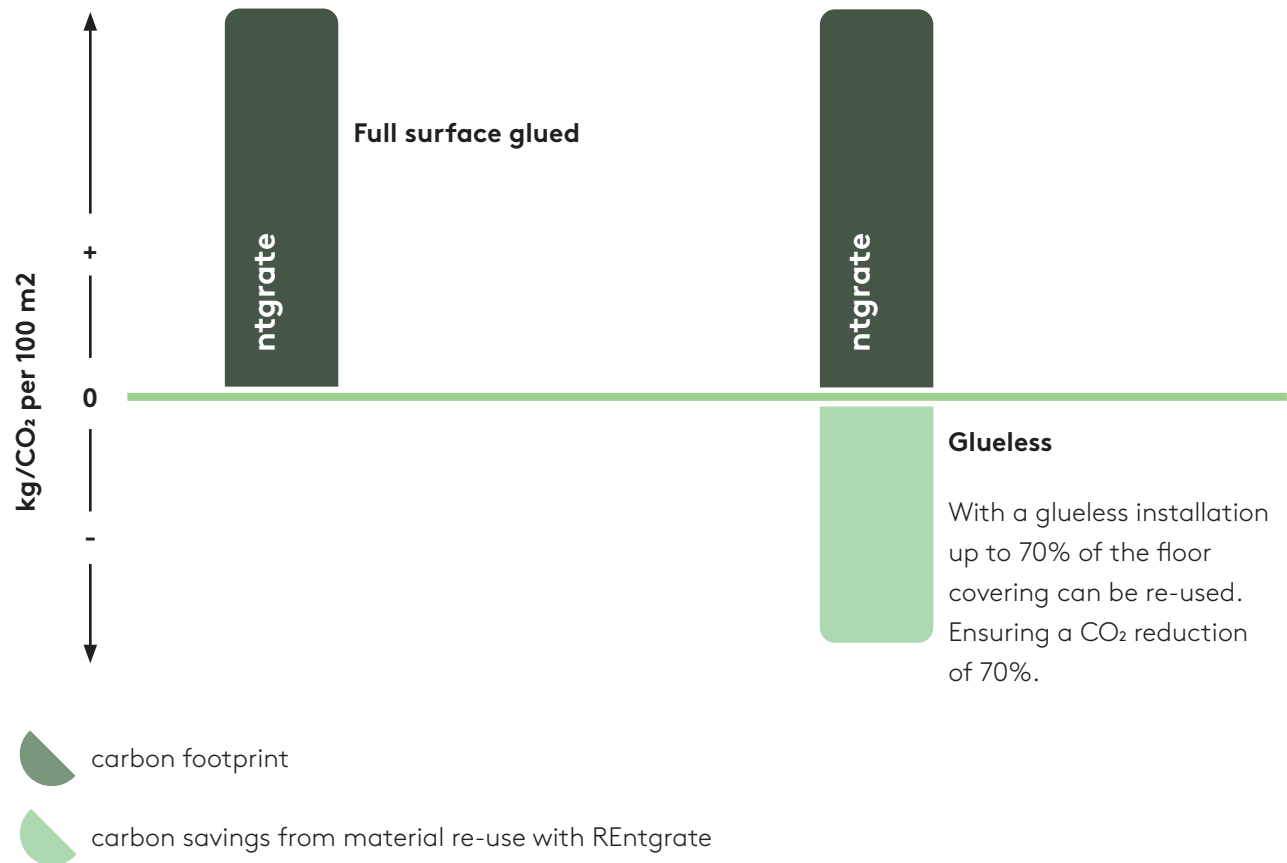
Where possible, waste streams are reused internally.

REntgrate in 4 steps

We weave a recyclable, durable flooring with excellent acoustic properties. We do this in a BREEAM-certified manufacturing unit in Belgium. We offer the possibility to install without glue, to ensure the recyclability or re-use of our flooring. This glueless installation offers an added advantage of design flexibility, where a floor can easily be taken out and refitted.



IMPACT OF GLUELESS INSTALLATION ON CARBON EMISSIONS.



enabling reuse.

Most flooring systems are installed with permanent adhesives.

Once installed, materials cannot be separated and recyclability is lost.

With our REntgrate approach, flooring can be installed without glue.

This allows tiles to be removed, cleaned and reused, without damaging the subfloor. REntgrate Tabs cover only a limited part of the surface, so the system remains reversible

By enabling reuse, we extend the lifecycle of the product and reduce material impact.

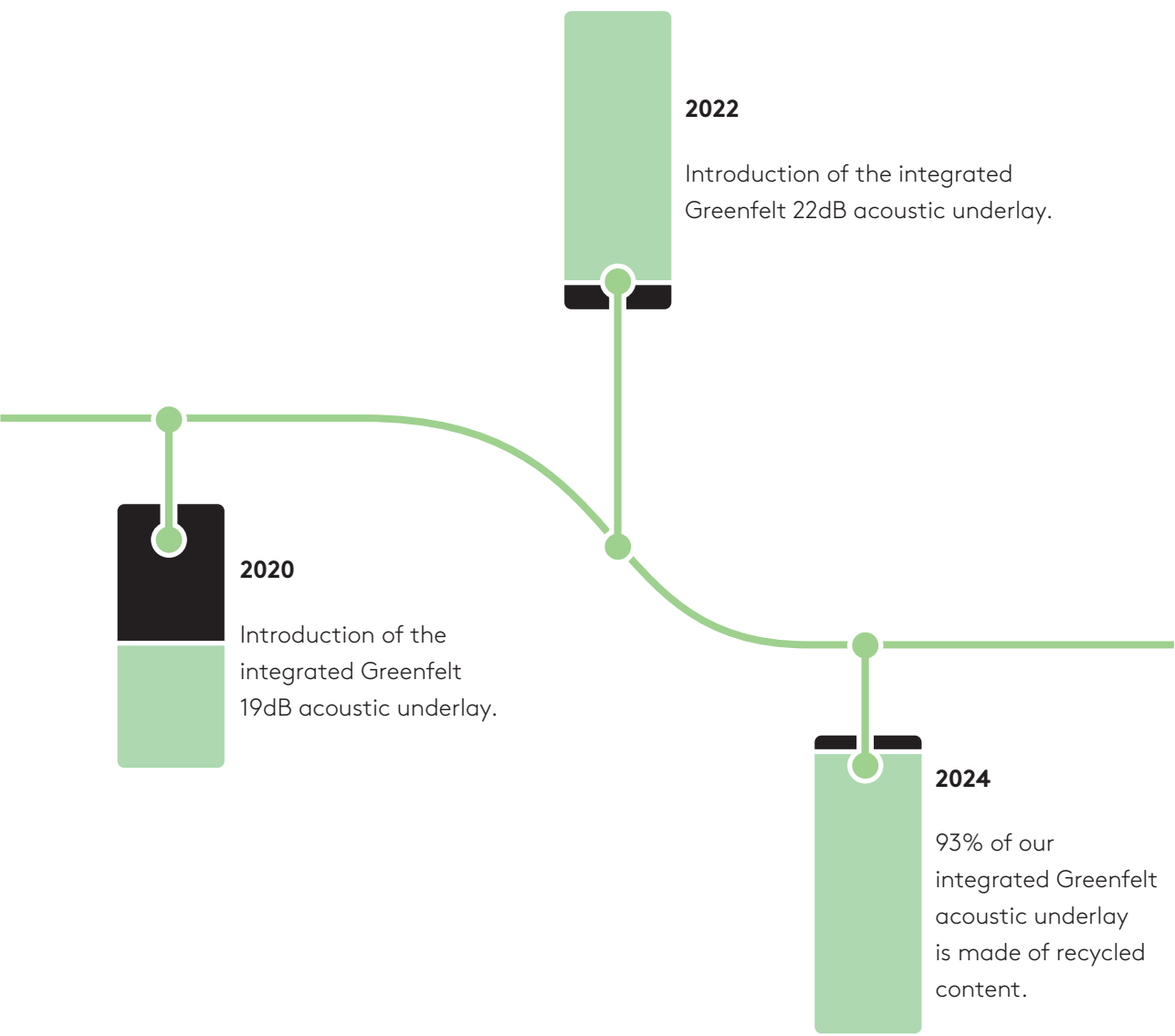
When flooring is reused, the carbon footprint can be reduced by up to 70%.

Take back

In 2023 our search to partners worldwide began to help us introduce a REntgrate program based on take back, cleaning and giving our flooring a second life.

EMBEDDING RECYCLE IN OUR COMPANY CULTURE

The introduction and evolution of our integrated Greenfelt acoustic underlay is seen below. This underlay was made from 50% recycled content in 2020. This was increased to 93% in 2024 without loss of performance.



recycled content and material recovery.

At ntgrate, we separate waste streams directly in our production and offices.

That may sound basic, but it is what allows us to actually reuse materials instead of losing them. By keeping streams clean, we can look at how they return into our products.

One result of that approach is our Greenfelt acoustic underlay. It is made from post-consumer PET, mainly recycled bottles, and already contains up to 93% recycled content.

From there, we keep pushing. Not every material can be reused yet, and not every test works. But step by step, we increase the share of recycled content without compromising performance.

2024 | INCREASE OF RECYCLED CONTENT



- 50% recycled
- 50% virgin fossil content

2020 | GREENFELT ACOUSTIC UNDERLAY

Our integrated Greenfelt acoustic underlay is for 50% made out of recycled content.



- 90% recycled
- 10% virgin fossil content

2022 | GREENFELT ACOUSTIC UNDERLAY

In 2022 we raised the recycled content in our underlay to 90% with the introduction of Greenfelt 22dB.



- 93% recycled
- 7% virgin fossil content

2024 | GREENFELT ACOUSTIC UNDERLAY

In 2024 we raised the recycled content in our underlay to 93%.

increasing recycled content.

By 2024, we increased the recycled content of our Greenfelt acoustic underlay from 50% to 93%.

This reduces the need for virgin fossil materials in our product.

We continue to push that balance further. Not by adding claims, but by adjusting composition, testing performance and scaling what works.

Each step lowers the overall carbon footprint of our flooring, without compromising durability or acoustic performance.

**reduce
virgin
fossil
content.**

Decarbonisation and biobased content

By 2025, we reduced the share of virgin fossil materials in our flooring to around 3%.

The remaining composition consists of recycled, mineral and bio-based materials.

2025 | ECO CORE - ADJUSTING THE PRODUCT COMPOSITION

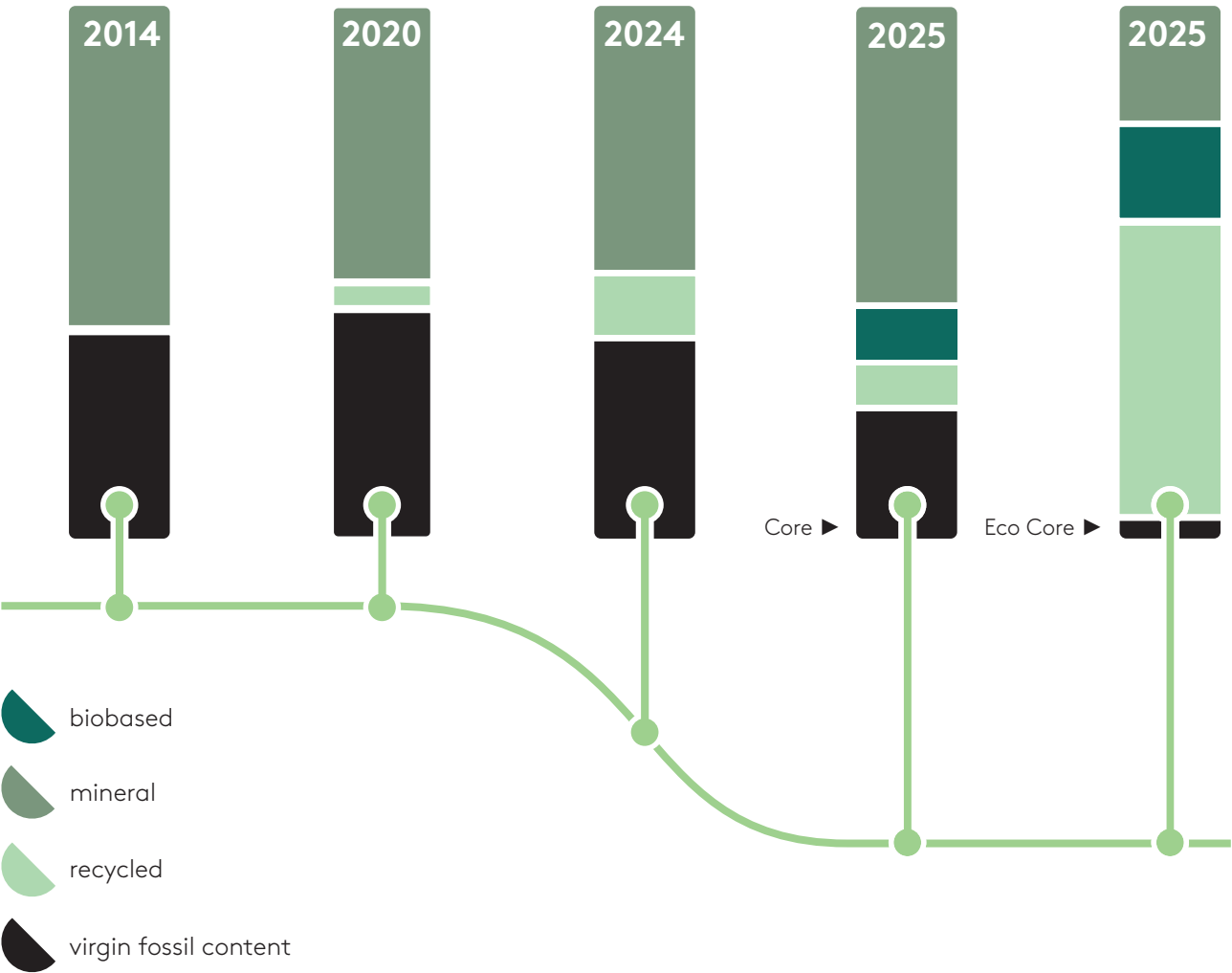


- 57% recycled
- 22% mineral
- 3% virgin fossil content
- 18% bio-based

2025 | ECO CORE

The reduction of fossil content is achieved by replacing it with recycled, mineral and bio-based alternatives. Each component is selected based on performance requirements and availability at scale.

DECARBONISATION OF OUR FLOORING THROUGH TIME



eco core product composition.

Eco Core

Reducing fossil content required changes across the entire product.

This was not one single innovation, but a combination of adjustments in materials and structure.

Each layer contributes to lowering impact:

- bio-based top layer
- recycled acoustic underlay
- mineral and recycled components in the core

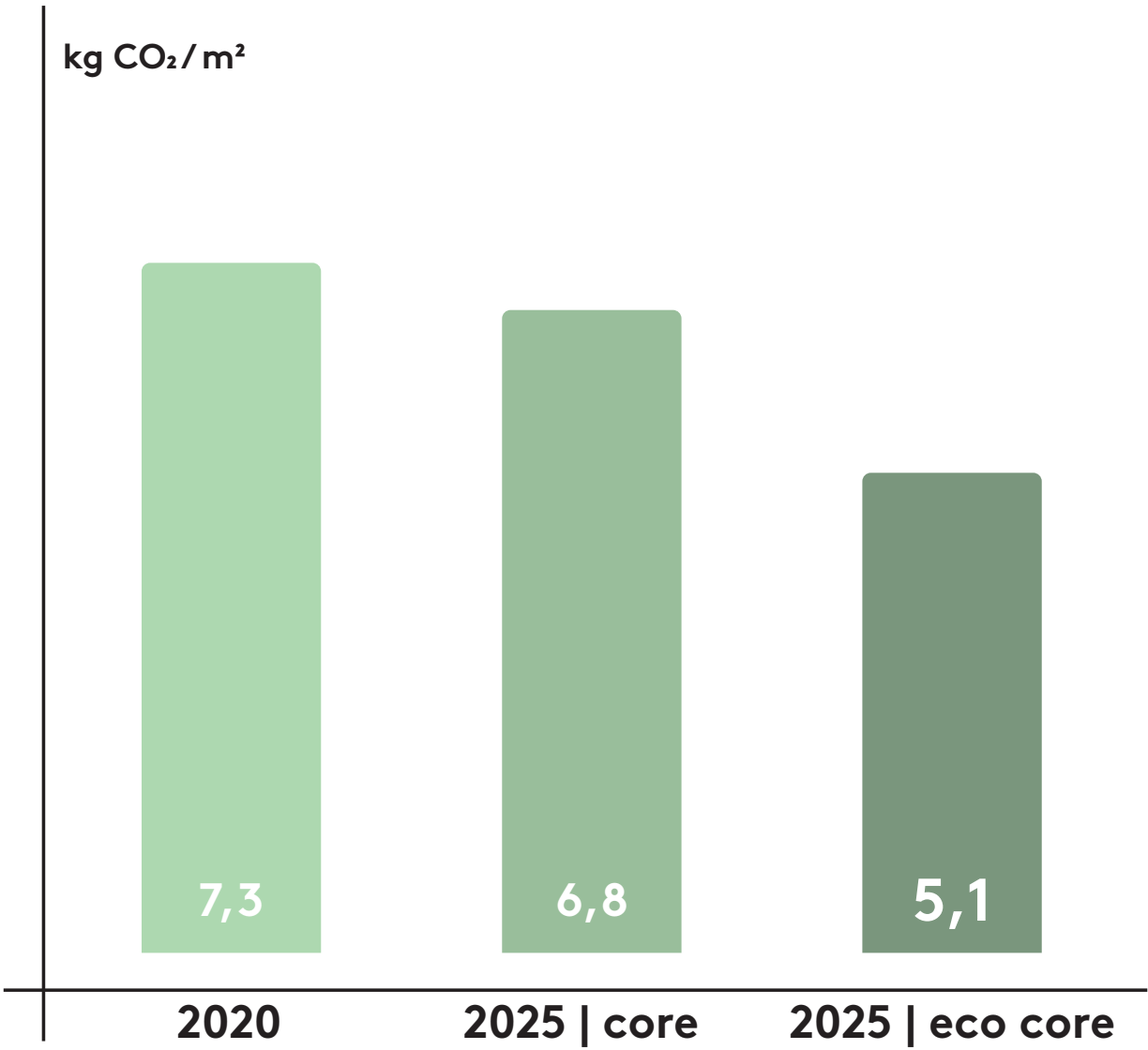
These changes were tested against the same requirements: durability, fire safety and acoustic performance.

Decarbonisation over time

- 2014: high reliance on virgin fossil materials
- 2020: first integration of recycled content
- 2024: recycled content in underlay increased to 93%
- 2025: reduction to 3% virgin fossil content

CARBON FOOTPRINT : A1-A3

30% carbon footprint reduction



environmental product declaration (EPD).

We developed an Environmental Product Declaration (EPD) to measure the impact of our flooring.

The results show a clear reduction in carbon footprint across product generations. The previous Greenfelt 19dB product (2020) had a carbon footprint of 7.3 kg CO₂e (A1–A3).

With our current collections:

- Core reaches 6.8 kg CO₂e
- Eco Core reaches 5.1 kg CO₂e

This represents a reduction of up to 30% compared to earlier product generations.

The data covers the production phase (A1–A3), including raw materials, transport and manufacturing. It provides a measurable basis for comparing materials and making informed project decisions.

The reduction is directly linked to changes in material composition and reduced reliance on virgin fossil content.

**beyond
2025.**

Reducing the impact of our flooring remains the main focus. We continue to work on:
lowering the share of virgin fossil materials

- increasing recycled and biobased content
- enabling reuse through installation methods

At the same time, we look beyond the product itself. Production, logistics and material sourcing are continuously reviewed to reduce overall carbon footprint.

Progress is made step by step, with a focus on what can be improved in practice.



fair Hazel
colours collection
project Acctive

2025 - | VOKA CHARTER DURABLE ENTRENEURSHIP



We use the Voka Charter as a framework to structure and monitor our sustainability efforts. It translates sustainability into concrete actions, linked to measurable objectives.

The charter is aligned with the United Nations Sustainable Development Goals (SDGs), allowing us to focus on the areas where we can have the most impact.

Progress is evaluated annually based on defined targets.

a structured approach.

Within this framework, we focus on the areas where we can have the most impact:
carbon footprint reduction

- material optimisation
- reuse and circularity

These priorities are translated into concrete actions across product development, production and installation.

Progress is tracked through defined targets and evaluated on a yearly basis. The focus remains on implementation, not on statements.

core.

Core combines woven design with acoustic performance and durability for commercial use.

The core collection includes 3 woven patterns:

- soft
- shy
- subtle

Each structure is designed for a different visual and functional context, while maintaining the same performance standards.



subtle Clara
core collection



soft Amara
core collection

Soft has a balanced and neutral weave structure.

It is typically used in spaces where a calm and uniform appearance is required, such as offices, circulation areas and larger open spaces.



Bob



Joris



Bernadette



Amara



Tess



Alina



Sara



Rune



Rasmus



shy Vera
core collection

Shy has a more pronounced structure with a concrete-like appearance.

It is used to add visual depth while maintaining a neutral colour palette. Suitable for workspaces, meeting areas and hospitality environments where a stronger visual texture is needed.



Ben



Jonas



Odette



Vera



Elise



Adriana



Nora



Ruth



Magnus



subtle Clara
core collection

subtle.



Subtle features a finer and more textured weave.

It is used in spaces where a softer visual transition is required, such as lounges, waiting areas and quieter zones. The structure supports a calm environment without drawing attention.



Miguel



Thomas



Matisse



Clara



Ellen



Noah



Lena



Russell



Antoinette



fair Hazel
colours collection
project Argenta

well-being.

Indoor environment and comfort

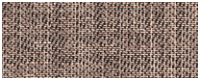
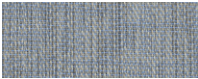
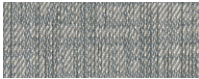
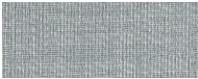
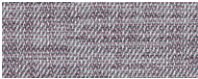
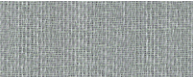
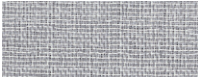
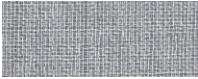
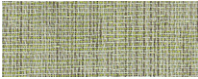
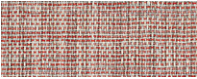
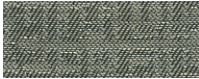
Our woven vinyl flooring contributes through three elements:

- Acoustics: impact sound reduction up to 22dB
- Air quality: low VOC emissions, phthalate-free
- Light reflectance: supporting brighter spaces and reducing the need for artificial lighting

These factors improve usability in offices, hospitality and commercial environments.

OUR BRITE LITE SELECTION

fair

					
Alice LRV 42,2	Amber LRV 21,3	Astrid LRV 30,8	Aurelie LRV 33,4	Aurore LRV 43,9	Celine LRV 24,3
					
Dahlia LRV 29,2	Ella LRV 32,0	Florence LRV 28,2	Gwen LRV 43,6	Helena LRV 44,1	Jasmin LRV 42,2
					
Laura LRV 32,4	Liam LRV 33,9	Lucas LRV 41,3	Myrthe LRV 36,3	Naomi LRV 30,8	Pia LRV 22,0

brave

					
Luce LRV 25,0	Charles LRV 24,8	Sam LRV 23,5	Peter LRV 20,7	Ellis LRV 28,0	Oliver LRV 25,1

crisp

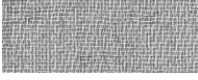
gentle

noble

					
Benjamin LRV 27,3	Sylvère LRV 26,4	Jacqueline LRV 24,9	Lily LRV 21,6	Madeleine LRV 20,5	Mulan LRV 32,1
					
Theodore LRV 27,3	Willem LRV 27,7				

sage

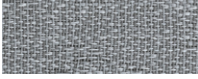
sharp

				
David LRV 21,1	Octavie LRV 38,7	Blanca LRV 24,6	Claire LRV 36,5	Pearl LRV 43,7

shy

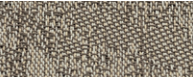
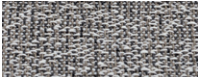
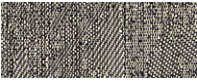
soft

subtle

					
Adriana LRV 26,9	Elise LRV 29,8	Alina LRV 25,8	Tess LRV 31,3	Ellen LRV 28,6	Noah LRV 27,0

strong

wild

				
Lea LRV 27,9	Andreas LRV 21,6	Luca LRV 25,0	Leon LRV 22,4	Julia LRV 26,1

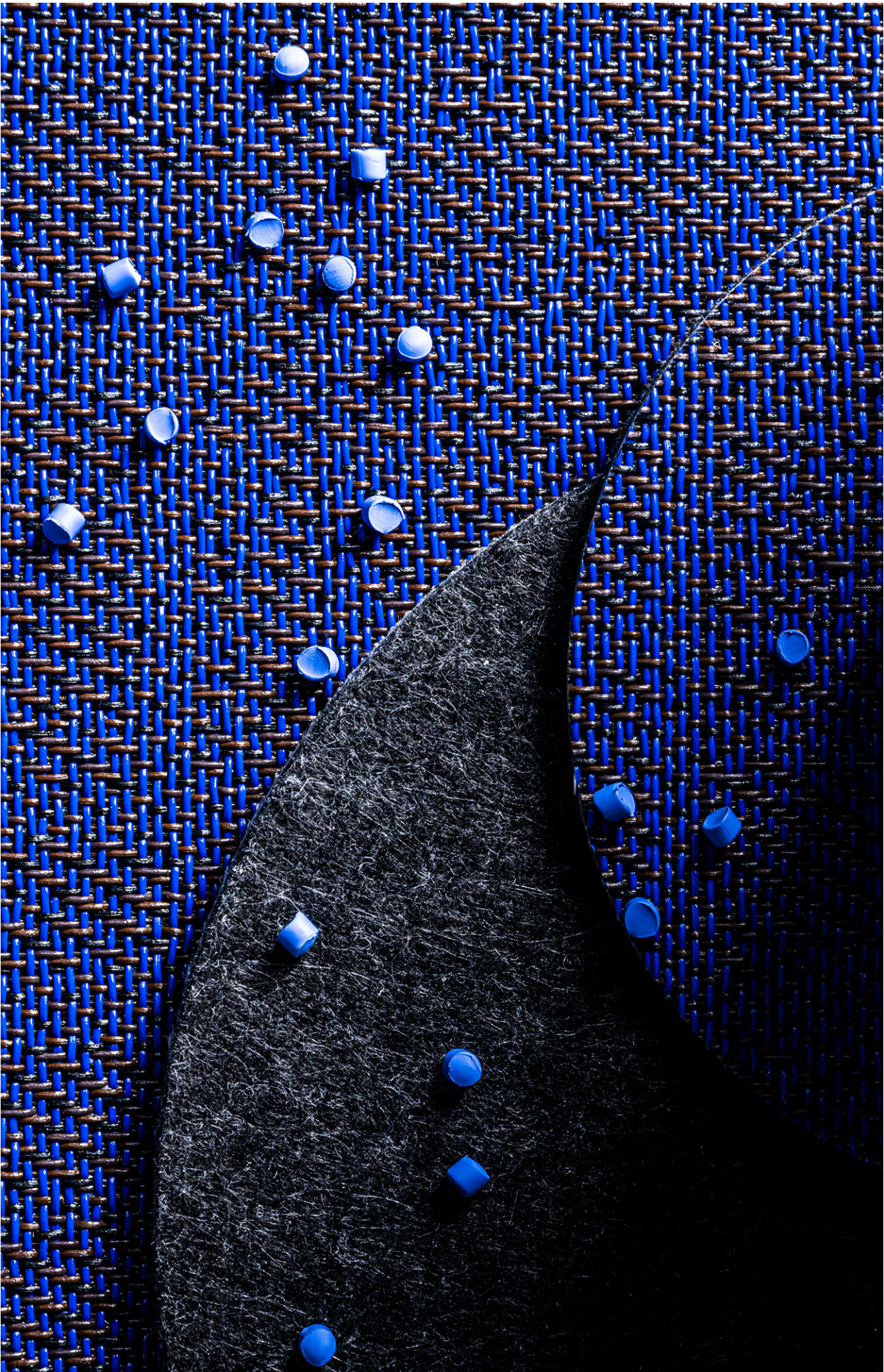
brite lite.

A brighter space

Light reflectance value (LRV) indicates how much light a surface reflects.

Higher LRV values contribute to brighter spaces and reduce the need for artificial lighting.

Our Brite Lite selection includes flooring with higher LRV values, supporting both energy efficiency and visual comfort.



certifications and compliance.

No green claims. Just the facts.

We believe sustainability communication should be clear, honest and verifiable. That is why we avoid vague green claims and instead provide concrete information about our materials, emissions and performance. Wherever possible, we have this information independently tested, certified or verified.

On the following pages, you will see not only what we say, but also the evidence behind it.

EMISSIONS & INDOOR AIR

AGBB / ABG

German assessment scheme for emissions from building materials.

Complies with the AgBB emission requirements for indoor use.

CDPH Section 01350

US benchmark for emissions of VOCs and aldehydes from indoor building materials.

Complies with the CDPH emission requirements for indoor use.

Indoor Air Comfort Gold

Eurofins certification for low emissions, with broad international coverage.

Indoor Air Comfort Gold certified.

Belgian VOC regulations

Applicable Belgian standards for VOCs.

ntgrate flooring complies with the Belgian emission requirements for building materials.

French VOC regulations

Applicable French classification for emissions from building materials.

ntgrate flooring complies with the French A+ classification.

French CMR regulations

Emission limits for CMR substances.

ntgrate flooring complies with the applicable French limits.

ENVIRONMENT & MATERIAL TRANSPARENCY

HPD

An HPD (Health Product Declaration) provides transparency about the material and chemical composition of ntgrate flooring.

Our HPD documents are available on request.

Phthalate-free

Phthalates are plasticisers added to plastics to make them flexible. However, they are associated with health risks.

ntgrate flooring is completely free from ortho-phthalate plasticisers.

EPD

Verified environmental performance throughout the life cycle of ntgrate flooring in accordance with EN 15804.

In development. The life cycle assessment (LCA) has been completed.

BUILDING CERTIFICATION

LEED v4

US system for assessing the environmental performance and sustainability of buildings.

ntgrate flooring meets the criteria for LEED Low-Emitting Materials and can contribute towards achieving LEED certification for buildings.

BREEAM HEA02

HEA02 is an assessment criterion within the BREEAM sustainability certification system that focuses on ensuring healthy and optimal indoor air quality in buildings.

ntgrate flooring contributes towards meeting the criteria for a building's BREEAM certification.

WELL

The WELL Building Standard is an international standard for healthy buildings.

The product meets the emission criteria relevant to a building's WELL certification.



ntgrate[®]

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