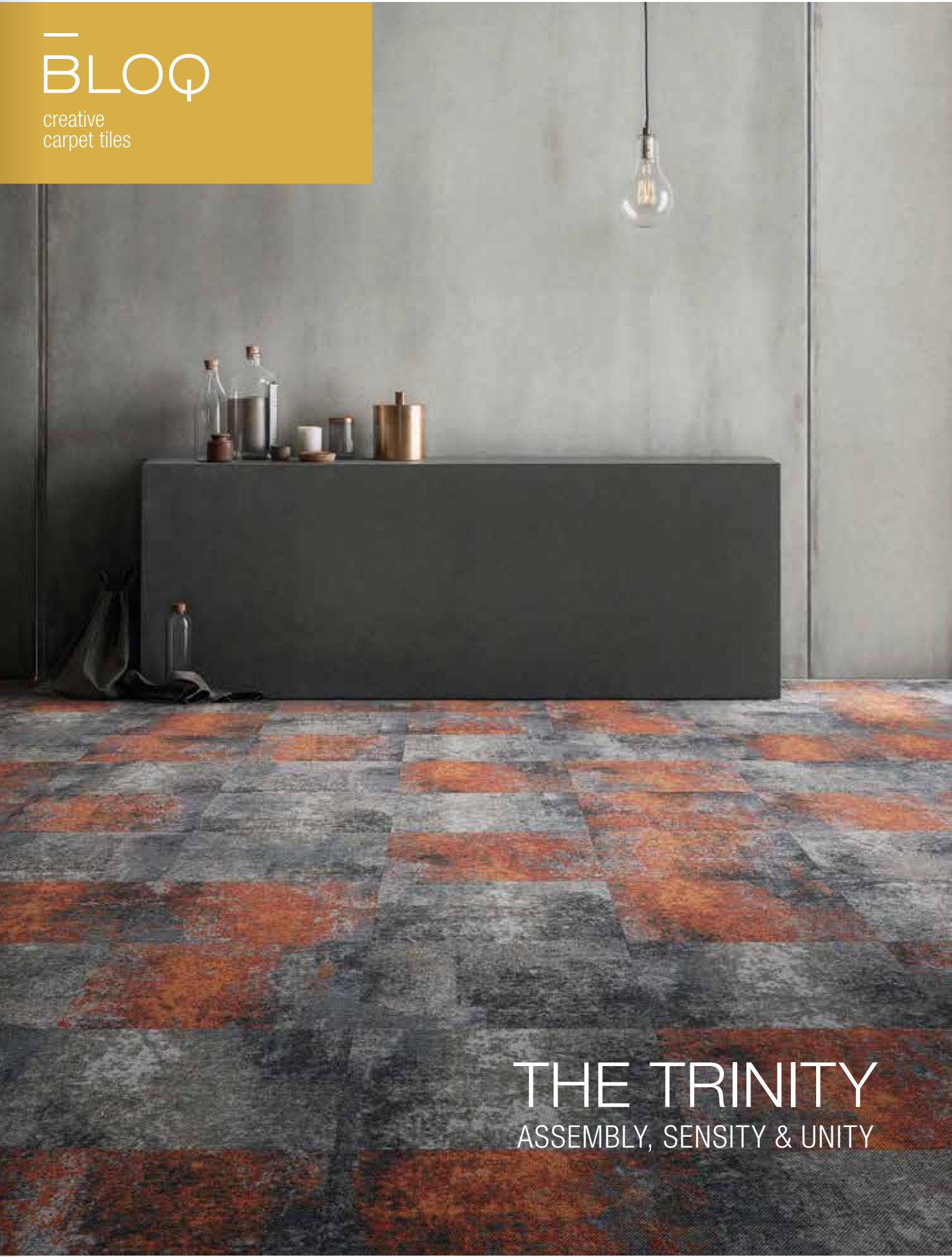# ―
BLOQ
creative
carpet tiles

THE TRINITY
ASSEMBLY, SENSITY & UNITY
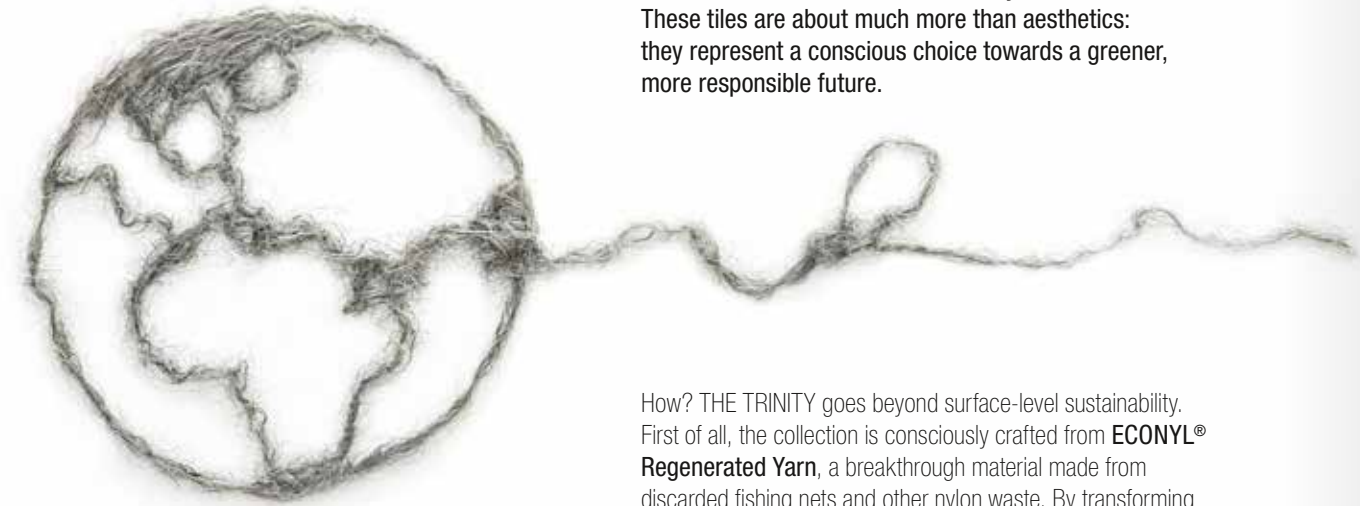
THE TRINITY
towards a better future for people and planet

THE TRINITY collection is a revolutionary line of carpet tiles with innovation and sustainability at its core. These tiles are about much more than aesthetics: they represent a conscious choice towards a greener, more responsible future.

How? THE TRINITY goes beyond surface-level sustainability. First of all, the collection is consciously crafted from **ECONYL® Regenerated Yarn**, a breakthrough material made from discarded fishing nets and other nylon waste. By transforming ocean pollutants into high-quality carpet fibres, we reduce our environmental footprint and protect the oceans.

Additionally, its unique **RELAX Cushion Backing** is made from recycled mattresses, making use of resources that otherwise would have gone to waste. Furthermore, THE TRINITY carpet tiles reflect BLOQ's commitment to sustainability through their support of the **Silvador Climate Action Project**, which offsets the collection's carbon footprint.

But that's not all – thanks to its unique RELAX Cushion Backing made from recycled mattresses, THE TRINITY goes beyond just being an eco-conscious product. It's also designed with people in mind. Our cushion-backed carpet tiles offer an exceptionally **soft, luxurious underfoot feel**, proven to be relaxing, while also delivering **superior acoustic performance**. This makes spaces noticeably quieter, fostering better collaboration and concentration in a relaxing environment.

SUSTAINABLE

COMFORT

COLLECTION

**ECONYL®
100%
Regenerated
Yarns**

**RELAX
Cushion
Backing**

The ECONYL® Regeneration System

RESCUE

REGENERATE

Waste like fishing nets or fabric scraps from all over the world is rescued, sorted and cleaned to recover as much nylon as possible.

Through radical regeneration and purification, the nylon waste is recycled right back to its original purity, equalling virgin nylon.

ECONYL®
REGENERATED NYLON

REIMAGINE

REMAKE

ECONYL® Regenerated Nylon can be recycled infinitely without losing quality, making it our first step towards a circular future.

The regenerated nylon is processed into yarns and polymers for the fashion and interior industries.

RELAX Cushion Backing

THE TRINITY's unique composition tile backing breathes new life into old mattresses with the innovative **RELAX Cushion Backing**.
End-of-life mattresses are collected, cut up and blended with other raw materials. This mixture is then moulded into new blocks of material, which are then sliced into sheets of RELAX Cushion Backing.

This innovative backing **improves walking comfort, enhances acoustic properties** and increases the durability of the tile, making yet another part of the carpet tile more sustainable.

RELAX

How we produce our RELAX Cushion Backing

COLLECTING
END-OF-LIFE
MATTRASSES

MECHANICAL
RECYCLING
OF POST-INDUSTRIAL
WASTE

NEW HIGH QUALITY
TECHNICAL PRODUCT
MADE OUT OF
'WASTE'
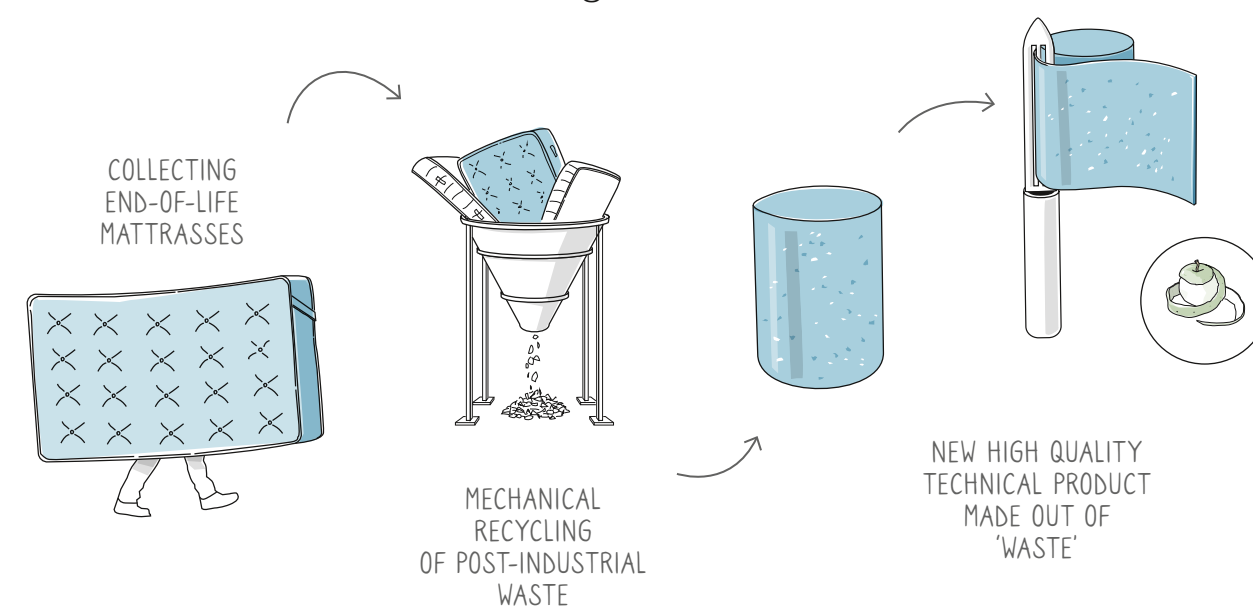
Carbon Offset Commitment

BLOQ has agreed to purchase Carbon Offsets through GreenEnergy GPO, LLC (GEGPO). The following will be purchased and retired on behalf of BLOQ.

Carbon Standard	Project Type	Nr.	Location	Project Name
VERRA	Improved Forest Management	VM00012	Romania	Silvador Climate Action Project

CARBON NEUTRAL
CO2 NEUTRAL
Consulted by WAP Sustainability

CARBON OFFSETTING THAT ACTUALLY DELIVERS.

CARBON NEUTRAL PRODUCT

The time to take bold climate action is now. That's why BLOQ has set ambitious emission reduction targets. To achieve this, BLOQ partners with the **Silvador Climate Action Project**, a forest carbon credit initiative that focuses on preserving and managing critical forest ecosystems in Romania's Subcarpathians.

This project protects 1,538 hectares of privately owned forest, consisting mainly of oak, beech, and hornbeam trees. These forests play a vital role in capturing carbon, maintaining biodiversity, and supporting local communities. By safeguarding this area from deforestation and degradation, the Silvador program not only prevents the release of stored carbon but also ensures the forest continues to serve as a natural carbon sink for future generations.

Through this initiative, BLOQ contributes to an estimated reduction of 375,552 metric tonnes of CO_2 equivalent while also supporting the preservation of a unique natural habitat in Eastern Europe. Our commitment to this program reflects our dedication to meaningful, lasting environmental impact and sustainable practices.

Acoustics

HEALTH & WELL-BEING

Noise can be disruptive and often leads to stress, negatively impacting both mental and physical health. In noisy workplaces, absenteeism tends to rise. In hospitality environments, excessive noise undermines the very goal of providing rest and relaxation.

REDUCES IMPACT SOUND (ΔL_w)

Impact sound insulation refers to a material's capacity to minimize the transfer of noise caused by impacts, such as footsteps or dropped objects, between different spaces, typically across floors in a building. Thanks to its **great impact sound reduction**, THE TRINITY carpet tiles minimise the transfer of vibrations and reduce noise transmission.

SOUND ABSORPTION (α_w)

Sound absorption is the process by which materials absorb sound energy rather than reflecting it, like when curtains are hung in a room to reduce the echo. Materials with sound-absorbing properties are often used in architectural design to reduce noise levels and improve the acoustics of a space, making for a more relaxing environment. Carpet tiles are a **perfect sound-absorbing material.** Carpet tiles with RELAX Cushion Backing score even better.

	Impact Sound Insulation ΔL_w	Sound Absorption α_w
Standard Polyamide Carpet Tiles with Bitumen Backing	20 - 25 dB	0.15 - 0.20
Polyamide Carpet Tiles with **RELAX Cushion Backing**	30 - 40 dB	0.30 - 0.40
	+55%	+100%

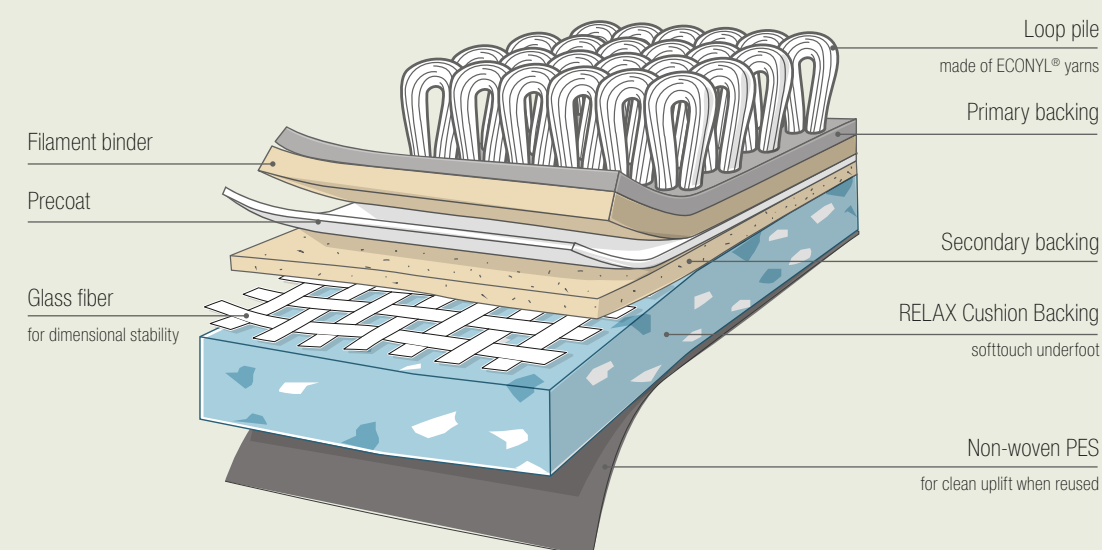# THE TRINITY TILES ABSORB 100% MORE NOISE THAN HARDBACK TILES.

Well-being

WALKING ON
A SOFT FLOOR
IS GENTLER ON
OUR FEET, KNEES,
AND BACK.

SOFTTOUCH UNDERFOOT

The RELAX Cushion Backing of THE TRINITY provides an exceptionally soft and **luxurious feel underfoot**, enhancing both comfort and atmosphere. Soft carpet tiles are gentler on our feet, knees, and back compared to other flooring types, and have even been shown to lower stress.

That is why this premium carpet tile not only adds a cosy touch but also contributes to **a healthier environment** and a refined and upscale aesthetic, making it ideal for elevating office environments or offering hotel guests a warm, inviting welcome.

THE TRINITY CROSS-SECTION

Loop pile
made of ECONYL® yarns

Primary backing

Filament binder

Precoat

Secondary backing

Glass fiber
for dimensional stability

RELAX Cushion Backing
softtouch underfoot

Non-woven PES
for clean uplift when reused

BLOQ
creative
carpet tiles

RECYCLED CONTENT

ECONYL
REGENERATED NYLON

RELAX

100%
Regenerated
Yarns

100%
Recycled
Backing

CO2 NEUTRALITY

0%
Carbon Footprint

CARBON NEUTRAL
CO2 NEUTRAL

WELL-BEING

Luxurious
Soft
Flooring

ACOUSTICS

Impact
Sound Reduction

+10 dB

Sound
Absorption

+0.15 α_W

THE TRINITY COLLECTION ISN'T JUST A FLOORING SOLUTION.

IT'S A STATEMENT.

A COMMITMENT TO SUSTAINABILITY, INNOVATION, AND COMFORT.

CARBON NEUTRAL
CO2 NEUTRAL
Consulted by WAP Sustainability

THE TRINITY
ASSEMBLY, SENSITY & UNITY

THREE STYLES

ASSEMBLY draws inspiration from the rugged texture of weathered concrete, evoking the raw beauty of abandoned urban spaces.

SENSITY is an ode to the intricate patterns of grained marble and the cracks in glazed stone, blending the untamed essence of nature with a timeless, neutral colour palette.
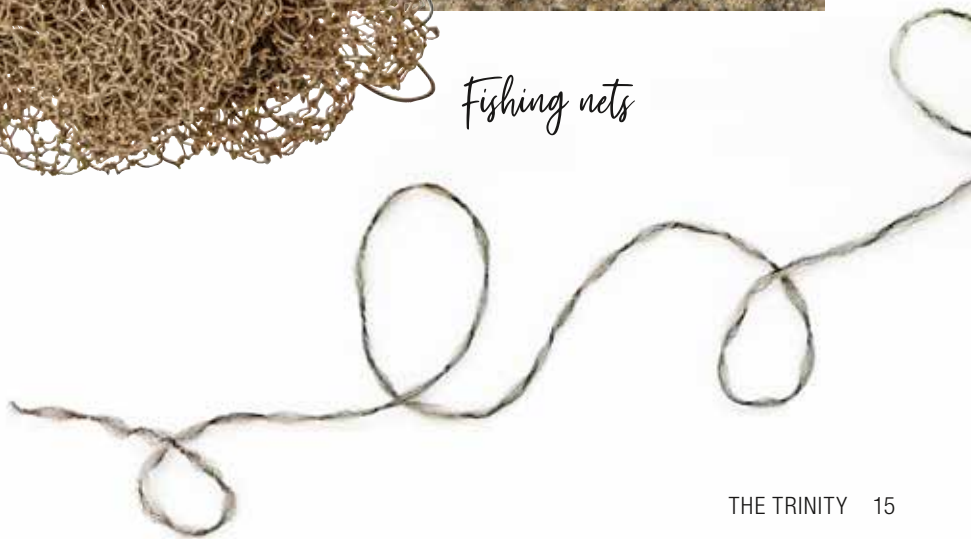
UNITY offers a subtle industrial vibe with its light geometric pattern, adding structure and warmth through a rich and intriguing colour range.

SENSITY

Marble stones
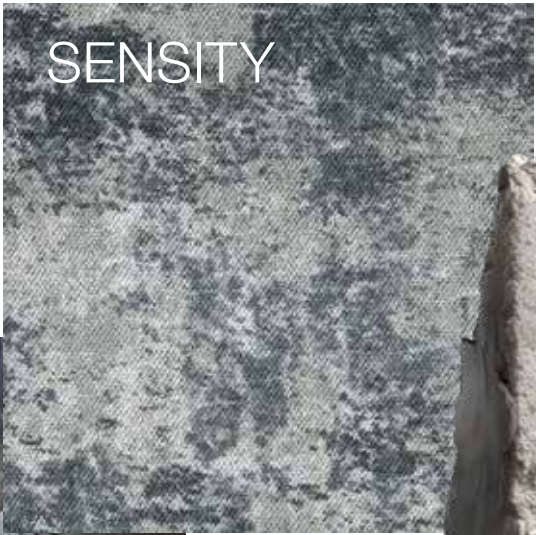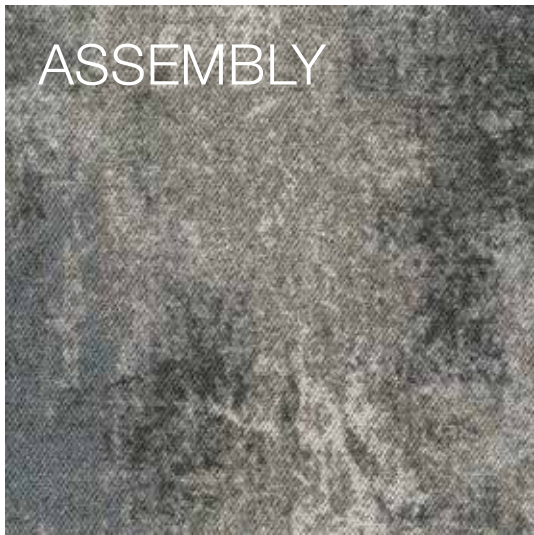
ASSEMBLY

Inspiration
is everywhere

UNITY

Tangible concrete

Fishing nets

ASSEMBLY

ASSEMBLY captures the characterful essence of abandoned urban spaces, with the rugged texture of weathered concrete at its core. The name reflects the countless ways you can combine the different colours and designs to create a unique floor. It's perfect for adding an industrial touch to cold or sterile spaces, bringing a vibrant urban vibe with the tough look of concrete and the comfort of carpet tiles.
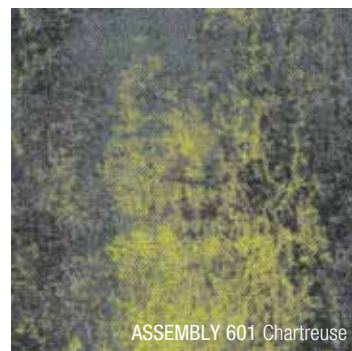
Available in **six matching colourways** – Saffron, Chartreuse, Aquamarine, Vermillion, Cement, and Iceblue – Cement serves as the base tone, making it easy to mix and match with the other colours.
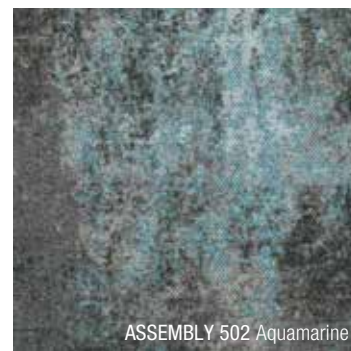
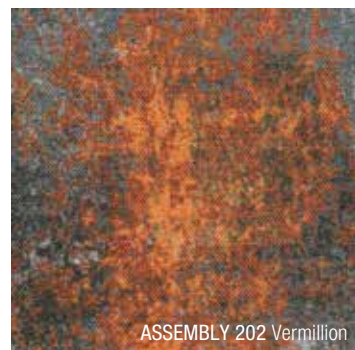A B C D

EACH CARPET TILE
VARIES IN DESIGN
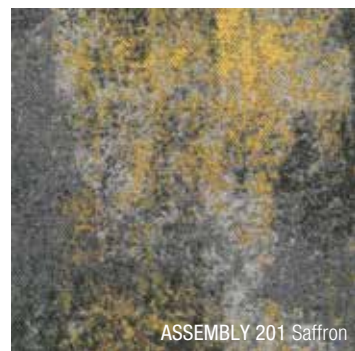
ASSEMBLY 201 Saffron
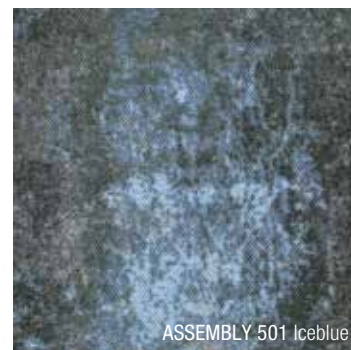
ASSEMBLY 601 Chartreuse

ASSEMBLY 502 Aquamarine

ASSEMBLY 202 Vermillion

ASSEMBLY 901 Cement

ASSEMBLY 501 Iceblue

ASSEMBLY 901

ASSEMBLY 201, 901

ASSEMBLY 201, 601, 901

ASSEMBLY 202, 901

Pick & play

Each colour in the ASSEMBLY collection has design variations: A, B, C and D. By mixing and rotating the different tiles in different ways, you get an endlessly varying floor pattern, where you control the level of vibrancy.
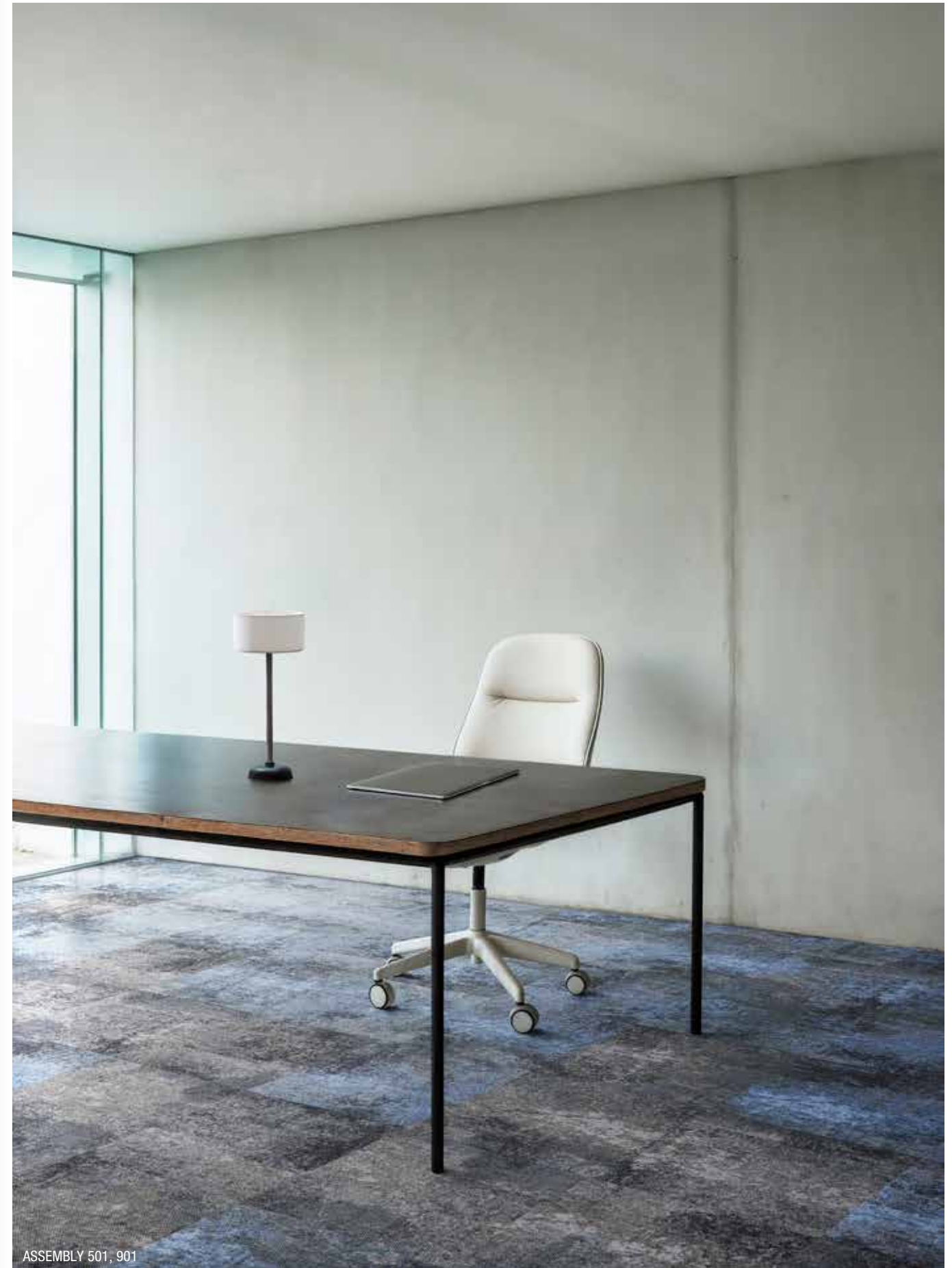

Endless
possibilities of
placing the tiles

ASSEMBLY 202, 901

ASSEMBLY 501, 502, 901

ASSEMBLY 501, 901

SENSITY

SENSITY is inspired by the distinctive veins in natural stone, the cracks in deep blue polar ice, and the aged patina of glazed surfaces. With its neutral colour palette, this collection exudes a classic, chic elegance. It brings to mind the grandeur of majestic palaces with their luxurious marble floors, but with the added comfort of carpet tiles.
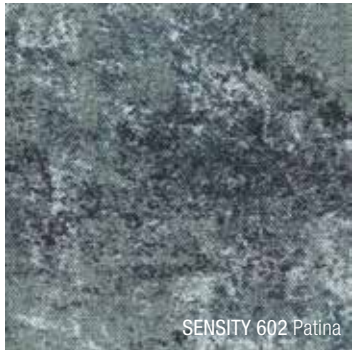
SENSITY is available in **four classic colourways**: Deep Sea, Patina, Pietra Grey, and Grey Marble. Each colour offers four different tile variations, allowing you to create realistic and sophisticated patterns.

A B C D

EACH CARPET TILE
VARIES IN DESIGN

SENSITY 503 Deep Sea

SENSITY 602 Patina

SENSITY 902 Pietra Grey

SENSITY 903 Grey Marble

SENSITY 602

SENSITY 503

A classic beauty

The beauty of nature is timeless. SENSITY suits both classic interiors with vintage furniture as well as modern, sleek spaces. For a tactile class, giving the room character and setting the scene, without taking all the spotlight. Just like nature.

SENSITY 902

What if we could make marble soft?

When you want the classy look of a marble floor, but you don't want a cold and hard look, SENSITY is the perfect pattern. Pietra Grey, for example, is reminiscent of natural stone but has the supreme acoustic qualities and pleasant walking comfort of carpet tile, making any room much cosier and welcoming.
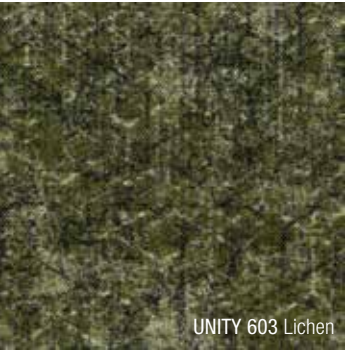
SENSITY 902
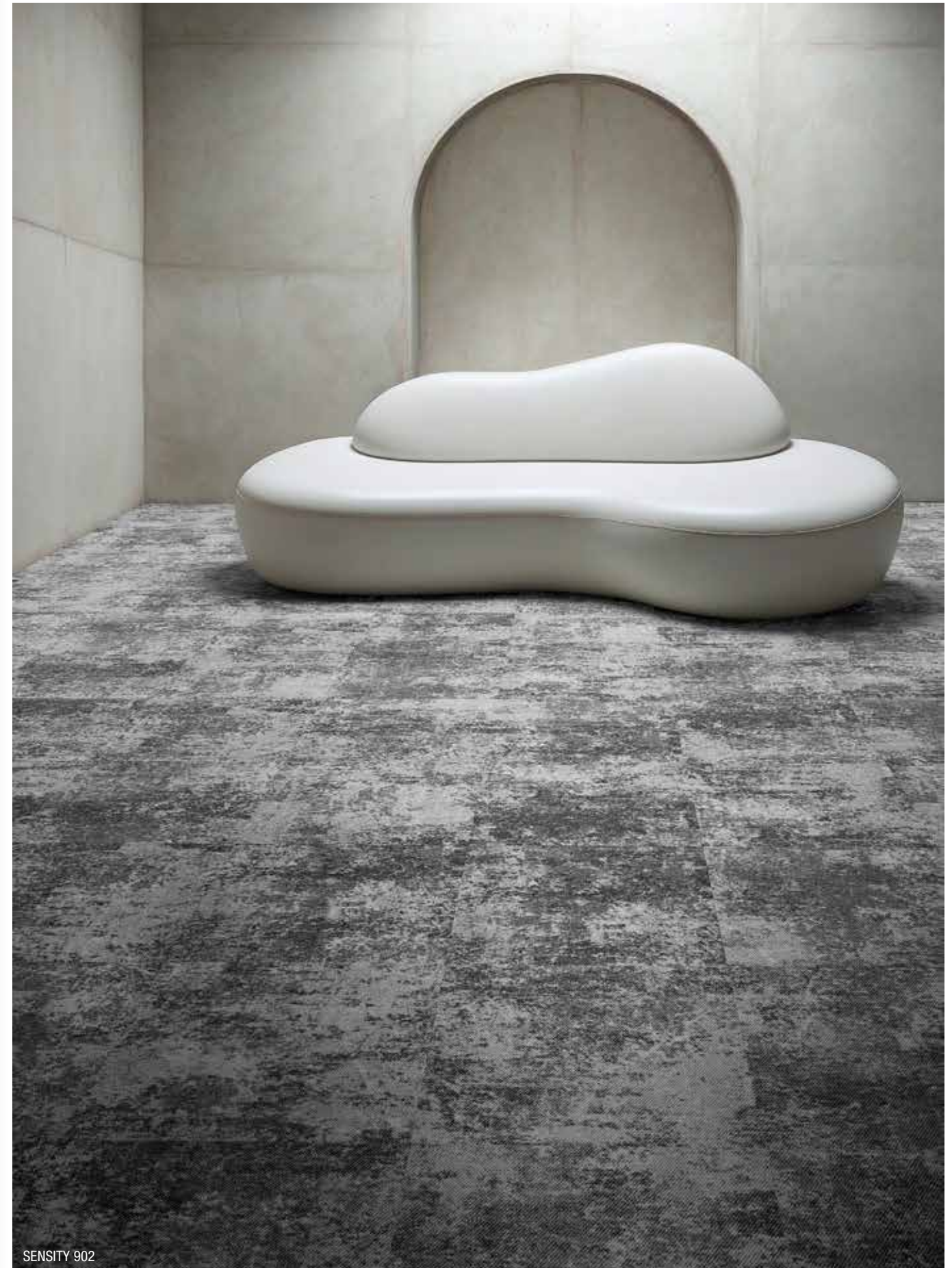
UNITY

The inspiration for UNITY comes from repetitive patterns like chainlink and fishing nets, giving it a business-like edge that's made more original and inviting through its thoughtful colour selection. This warmth is evident in the **six colourways**: Golden Ecru, Crimson, Oxford Blue, Lichen, Old Zinc, and Blue Grey. Old Zinc serves as a versatile base, blending seamlessly with the other colours. Each colour is available in four different variations, offering endless possibilities for creative combinations.

| A | B | C | D |

EACH CARPET TILE
VARIES IN DESIGN

UNITY 203 Golden Ecru

UNITY 302 Crimson

UNITY 504 Oxford Blue

UNITY 603 Lichen

UNITY 904 Old Zinc

UNITY 905 Blue Grey
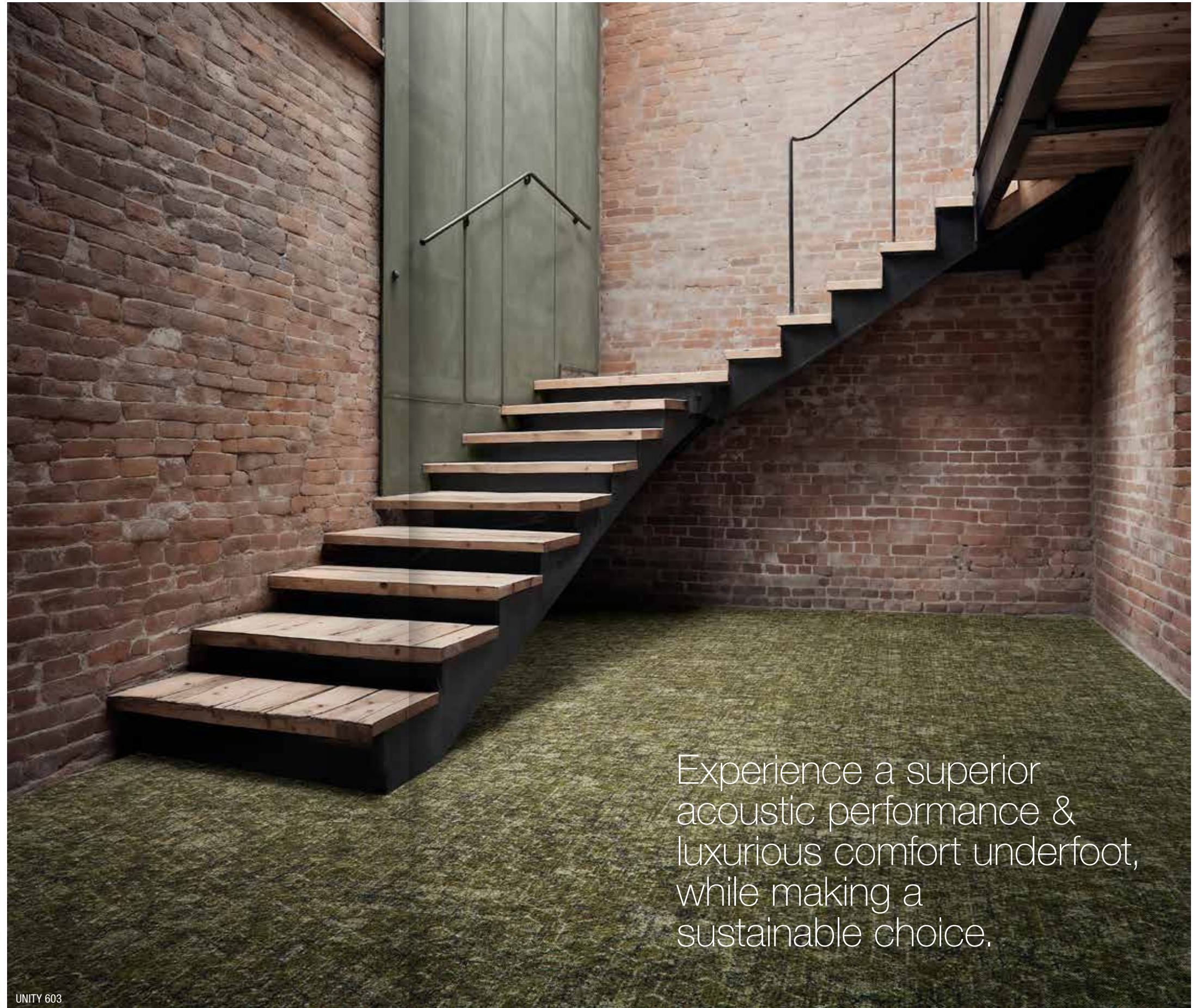

UNITY 203

UNiTY 504

UNiTY 504

The best
of both worlds

UNITY combines the best features of different flooring types into a perfect blend. The repetitive patterns of UNITY create a serene ambiance, much like a classic tiled floor, but with a soft touch. You retain the rhythmic design while enjoying an acoustic solution that feels comfortable underfoot.

Experience a superior acoustic performance & luxurious comfort underfoot, while making a sustainable choice.

UNITY 603

Mix & match

Although the three product lines each have their own character, you can combine them seamlessly within the same project, thanks to the consistency in colours. Make your floor unique by combining the colours and tiles as you wish.

ASSEMBLY

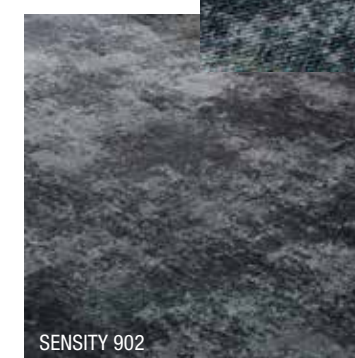ASSEMBLY 201, 901

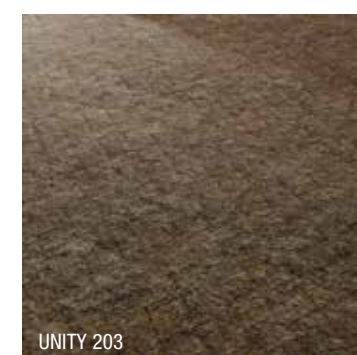ASSEMBLY 201, 601, 901

ASSEMBLY 901

MIX & MATCH
3 COLOURS

ASSEMBLY 202, 901

ASSEMBLY 501, 502, 901

COMBINE
2 COLOURS

ASSEMBLY 501, 901

SENSITY

SENSITY 503

SENSITY 602

SENSITY 902

UNITY

UNITY 203

UNITY 504

UNITY 603

Specifications

LIGHT REFLECTANCE VALUES

Light Reflectance Value (LRV) is a scale that measures visible and usable light reflected from an illuminated surface. The percentage identifies how much light a colour reflects or absorbs. 0% reflects no visible light, 100% reflects all light.

SENSITY

COLOUR	LRV$_{av}$	L
503	13.23	43.11
602	14.83	45.40
902	13.39	43.34
903	16.05	47.04

ASSEMBLY

COLOUR	LRV$_{av}$	L
201	16.32	47.40
202	11.14	39.81
501	19.17	50.88
502	17.82	49.28
601	13.66	43.75
901	12.15	41.46

UNITY

| COLOUR	LRV$_{av}$	L
203	14.97	45.59
302	7.78	33.52
504	8.49	34.97
603	6.95	31.70
904	11.86	41.00
905	8.41	34.83

RECYCLED CONTENT

The TRINITY collection redefines carpet tiles with a focus on sustainability and comfort. Made with **ECONYL® Regenerated Yarn** from discarded fishing nets and a **RELAX Cushion Backing** crafted from recycled mattresses, these tiles turn waste into high-quality materials.

By supporting the **Silvador Climate Action Project**, BLOQ ensures that the TRINITY collection contributes to meaningful carbon offsetting efforts. This initiative helps preserve critical forest ecosystems in Romania's Subcarpathians, reducing environmental impact while safeguarding biodiversity.
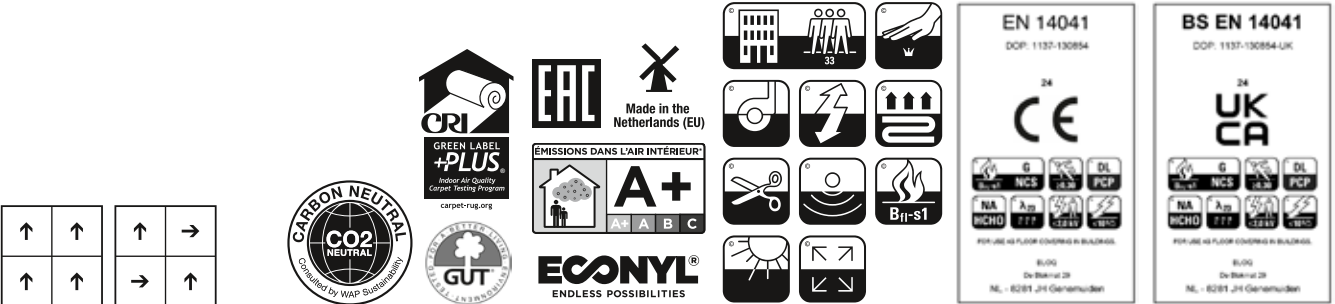
Beyond eco-consciousness, the RELAX Cushion Backing ensures **superior softness and acoustic performance**, creating quieter, more comfortable spaces ideal for collaboration and focus.

TRINITY combines sustainability with luxury for a greener, calmer future.

REGENERATED YARNS & BACKING

CARBON NEUTRAL

ACOUSTIC PERFORMANCE

BLOQ
creative carpet tiles
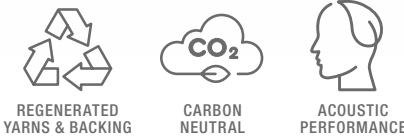
THE TRINITY 'RELAX'

ASSEMBLY, SENSITY & UNITY

SPECIFICATIONS

TYPE OF MANUFACTURE ISO 2424	Tufted Patterned Loop Pile 1/10"
PILE FIBER COMPOSITION ISO 2424	ECONYL® 100% Regenerated Nylon
SECONDARY BACKING ISO 2424	RELAX Cushion Backing 100% Recycled Content
DIMENSION EN ISO 24342	50 x 50 cm
PILE WEIGHT ISO 8543	650 g/m²
SURFACE PILE WEIGHT ISO 8543	350 g/m²
TOTAL WEIGHT ISO 8543	4 000 g/m²
TOTAL THICKNESS ISO 1765	9.5 mm
PILE HEIGHT ISO 1766	2.3 mm
PILE DENSITY ISO 8543	0.152 g/m³
NUMBER OF TUFTS ISO 1763	208 000 /m²
DIMENSIONAL STABILITY ISO 2551	≤ 0.2%
NUMBER OF COLOURS	ASSEMBLY: 6 SENSITY: 4 UNITY: 6
PACKAGING	Box: 16 tiles / 4 m² Pallet: 160 m²

PERFORMANCE

CLASSIFICATION EN 1307	33
LUXURY RATING EN 1307	LC1
CASTOR CHAIR RATING EN 985	A: Intensive use
FIRE CLASSIFICATION EN 13501-1	B$_{fl}$-s1
IMPACT SOUND INSULATION EN ISO 10140-3	ΔL_w: 31 dB
SOUND ABSORPTION EN ISO 354	Frequency Hz 125 250 500 1000 2000 4000 α_s 0.00 0.05 0.35 0.25 0.30 0.40
NOISE REDUCTION EN ISO 354	α_w: 0.30
PERMANENT ANTISTATIC ISO 6356	≤ 2 kV
THERMAL RESISTANCE ISO 8302	0.155 m² K/W
COLOUR FASTNESS TO LIGHT EN ISO 105-B02	≥ 5-6
COLOUR FASTNESS TO WATER EN ISO 105-E01	≥ 4
RUBBING FASTNESS EN ISO 105-X12	≥ 4
GUT N° PRODIS	6CF1F75D

THE TRINITY collection is also available with Bitumen Backing. For the 'BITBACK' technical data sheet, please visit our website: https://bloq.nl/downloads

17/01/2025

www.bloq.nl