



**EDUCATION**  
Sector





# ONE OF A KIND

## STOCKHOLM, SWEDEN – 1949

A young man called Nils-Erik Eklund had the foresight and business acumen to see a great opportunity in the piles of textile waste being produced at a neighbouring factory. From this waste, rag rugs were produced – and three generations and countless exciting twists and turns later, Bolon is a flooring solution that meets the exacting demands of retail businesses the world over.



## ULRICEHAMN, SWEDEN – 2020

Bolon is an internationally acclaimed manufacturer of superior quality woven vinyl flooring. We draw our influences from the world of fashion, designing and producing unique woven floors for creative and inspiring environments. Our clients include international brands and we collaborate with world-famous designers and architects. Whilst this gives us immense satisfaction, we are equally proud to offer a

product that represents a pragmatic, functional and environmentally considerate choice for commercial premises of every type and size.

So welcome to our world – a world where innovation, borderless creativity and focused practicality combine to offer you flooring that is truly one of a kind.





Bolon Customised

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Bolon Artisan Sienna

## SMART DESIGN FOR INSPIRING PREMISES

With Bolon, you get a premium design floor that adds a sense of creativity and sophistication without compromising with practical benefits. Features such as high fire resistance, ease of cleaning, durability and effective sound insulation guarantee exceptional performance wherever used. In other words, a great flooring alternative for corridors, libraries, common rooms and other areas of your interior.



WHY BOLON IS A BETTER CHOICE

CHARACTERISTIC	BOLON	CARPET	RESILIENT VINYL, LINO, RUBBER	HARD WOOD	CONCRETE, STONE, CERAMIC
Return on Investment <sup>1</sup>	●	●	●	●	●
Extensive product lifespan <sup>2</sup>	●	●	●	●	●
Appearance retention over time <sup>3</sup>	●	●	●	●	●
Textile appearance	●	●	●	—	—
Comfort under foot	●	●	●	—	—
Impact sound reduction <sup>4</sup>	●	●	●	●	●
Slip resistance	●	●	●	●	●
Impervious material	●	—	●	—	●
Antistatic properties	●	●	●	●	●
Hypoallergenic properties	●	—	●	●	●
Minimal chemical maintenance <sup>5</sup>	●	●	●	●	●

● HIGH   ● LOW   — NOT APPLICABLE

<sup>1</sup>Competitive durability properties, superior quality, and easy cleaning and maintenance allow for a high return of your initial investment. [See page 24](#)

<sup>2</sup>Bolon flooring has a long product lifetime during which we offer warranties up to 15 years. [See page 24](#)

<sup>3</sup>Unlike textile, carpet or hardwood, our flooring retains its appearance without flattening. [See page 24](#)

<sup>4</sup>Our acoustic flooring improves the decibel value up to 22 dB. [See page 26](#)

<sup>5</sup>Cleaning can be accomplished with a vacuum cleaner, water, or a minimal dose of cleaning agent. [See page 18](#)



Bolon Elements Cork

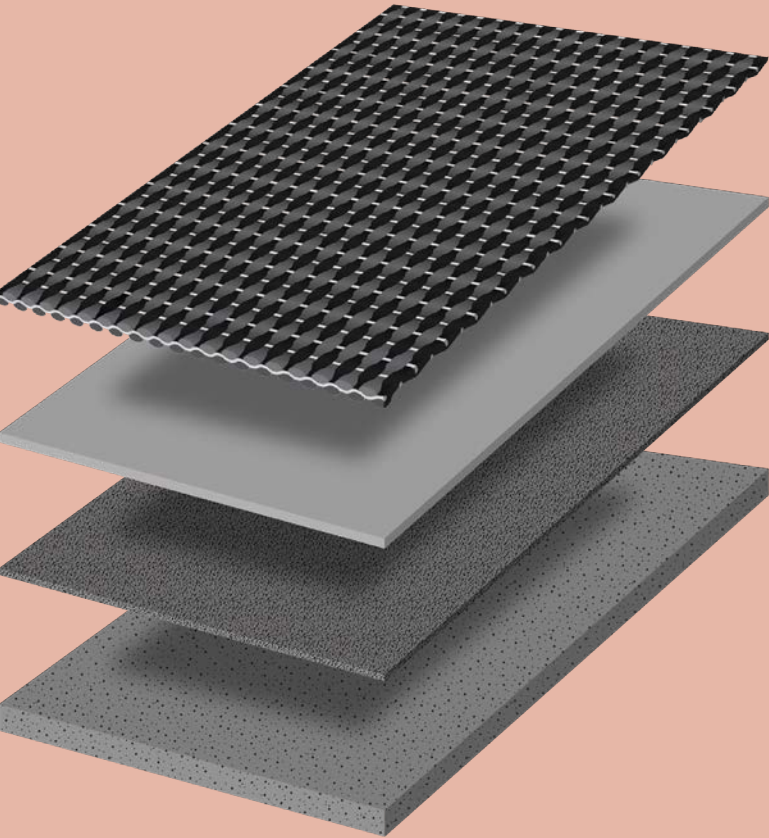




Bolon Botanic Customised

A CLOSER LOOK OF OUR PRODUCT

Bolon flooring is composed of four layers, one weave and three backing, giving the product its unique qualities. The weave layer is formed by vinyl warp and weft threads tightly woven together. The variations of the warp and weft yarn together with the different weaving techniques gives Bolon flooring its vast design alternatives.



- 1. WEAVE**  
The weave layer consists of vinyl warp and weft yarns tightly woven together.
- 2. UPPER LAYER**  
The upper backing layer gives the flooring its fire-protective properties.
- 3. GLASS FIBRE**  
The middle backing layer consists of glass fibre giving the flooring dimension and stability.
- 4. SOLID BASE**  
The bottom backing layer contains recycled material and is changeable for specific needs.



## DESIGN FLEXIBILITY

Educational premises demand tough yet flexible and sophisticated flooring solutions. With Bolon, you can create designs that are both unique, functional and long-lasting.

Creating an interior with Bolon flooring as a foundation gives you the freedom to play with shapes, colours, and patterns. Choose from existing collections or customise your own design with the Bolon by You-tool. The flooring is supplied in rolls, 50x50 cm tiles, planks or as Bolon Studio™-tiles. Our collections and design tools are divided into:

- › Original collections – all our collections are designed to last and bring beauty to any interior. Pick your favourite.
- › Tile design tool – visually combine tiles with designs in our online tool.
- › Bolon by You – create a unique and personalized flooring design with a simple online tool.
- › Collaborative collections – we team up with some of the world's most renowned designers to keep pushing the boundaries of flooring design.
- › Customised flooring – we're more than happy to help you create your project-specific flooring.

## A UNIQUE VISUAL EXPERIENCE

- › **HIGH-END DESIGN** – every collection is a visual, sensual treat. Our designs add character and ambience to any area of a commercial interior.
- › **LIVING DESIGN** – the reflective qualities of our flooring and its ability to play with light and create 3D effects and structure add a unique design dynamic.
- › **FLEXIBILITY** – Bolon flooring can be designed in many colours, shapes and patterns. The only boundaries are your imagination.
- › **WOVEN STRUCTURE** – the unique vinyl weave provides a tactile woven touch with great durability qualities.





## CUSTOMISATION FOR YOUR PROJECT

Sometimes, an interior project demands a tailor made design to stand out. We're more than happy to help you create project-specific flooring solutions. Feel free to contact us with your idea and let us become a part of your creative process. The design possibilities are nearly endless.

For more information, please contact:  
[info@bolon.com](mailto:info@bolon.com)







Bolon Studio™ Hexagon Botanic Sage

## BOLON STUDIO™ CREATIVITY ON YOUR TERMS

Educational premises can be transformed by creative, inspiring interiors. Our Bolon Studio™ concept makes it easier than ever to achieve this. With Bolon Studio™, you can explore different sizes and shapes to let creativity truly express itself. Consider colour choice, room characteristics and how the light falls – and discover how Bolon flooring adds unique ambience and character to your interior.



LINK



HEXAGON



WING



DECO



PLANK



SCALE



WAVE

TRIANGLE  
550TRIANGLE  
650TRIANGLE  
754



RIGHT FLOORING FOR  
THE RIGHT PLACE

Bolon flooring can be used in most areas of an interior design, as it is both durable and easy to clean. However, an efficient entry system will save your floor from 85% of all incoming dirt. Moreover, you should choose the colour of the flooring with care. Start by considering the function and the overall surroundings of the space where you plan to use Bolon flooring. If you need assistance, we are more than happy to guide you.

EASY TO CLEAN  
EASY TO USE

In any commercial interior project, cleaning and maintenance of flooring is always an issue. With Bolon flooring, most cleaning needs can be accomplished with a vacuum cleaner, scrubbing brush, water and a minimal dose of stain remover. A badly maintained floor, or a floor that has become extremely dirty for another reason, can in most cases be restored to an almost new condition. We called this method zeroing.

Correctly performed maintenance prolongs the floor's useful life. Factors such as colour, design or where the flooring is installed affect the need for cleaning. Mechanical cleaning can be performed with appropriate roller brush or orbital cleaning machines. For daily cleaning, we recommend vacuuming.

[Click here](#) for further instructions about cleaning.



Vacuum cleaner



Stain remover



Water



Scrubbing brush







STAIN REMOVAL

STAIN	CLEAN WITH
Chocolate, fat, cheese	Melt with hot water (70 - 100°C). Soak up with a micro-fibre cloth
Juice, coffee, beer, wine	Hot water, if needed use an all-purpose cleaner
Asphalt, oil, shoe cream, chalk, ink	Chemically pure petrol
Blood	Cold water – ammonia if needed
Rust	Light acidic (pH 3-4) cleaner
Water-based glue	Hot water
Solvent-based glue	Chemically pure petrol
Marks from shoes	Rub with dry cloth
Chewing gum	"I-gum" machine if available. Hot water (70 - 100°C), steam or freeze spray
Indentation from furniture	Hot water (70 - 100°C)
Candle wax	Melt with hot water (70 - 100°C). Soak up with a micro-fibre cloth

[Click here](#) to see our instructional films about cleaning.

PRACTICAL ADVANTAGES

- **EASY TO CLEAN** - the vast majority of cleaning tasks can be accomplished with a vacuum cleaner, water, scrubbing brush and a minimal dose of cleaning agent.
- **HYGIENIC** - Our flooring is impervious to any spill or mess which makes them easy to clean and maintain.
- **BETTER INDOOR AIR QUALITY** - Bolon has VOC (Volatile Organic Compound) emissions well below recommended levels.



“Functional flooring solutions with design that spark creativity”

– KLARA PERSSON

Head of Product Management at Bolon



Bolon Studio™ Triangle Artisan Jade, Malachite, Slate, Concrete

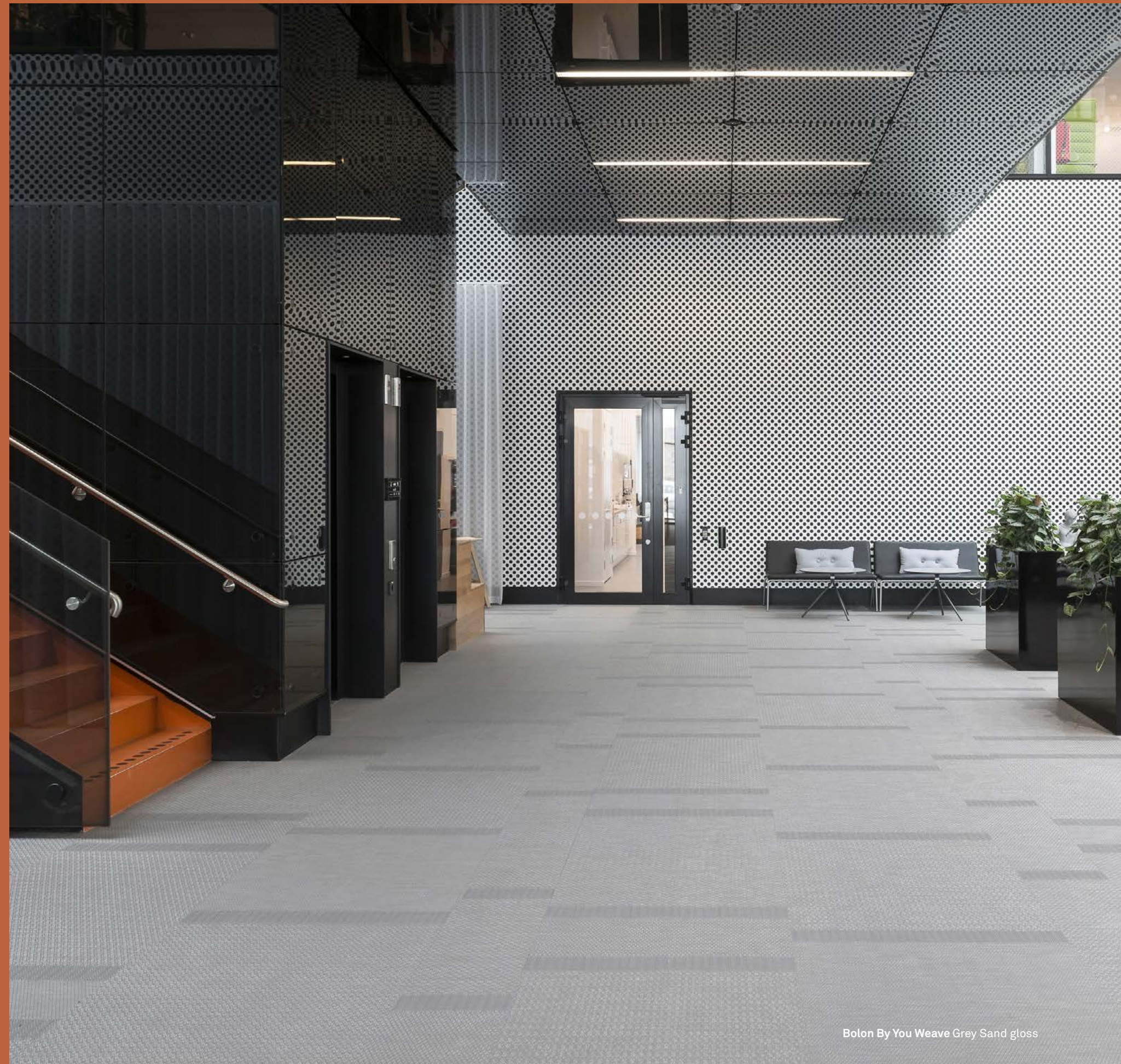


## A SMARTER INVESTMENT

Bolon flooring has a long product lifetime during which we offer warranties up to 15 years. And with its competitive durability properties, superior quality, and easy cleaning and maintenance routines it ensures for a high return of your initial investment.

## LONG TERM BENEFITS

- **DURABILITY** – all our collections have ISO 10874 durability class 32 or 33, which ensures for a long product life.
- **WARRANTY** – all our flooring collections comes with 10 – or 15- years warranty.
- **APPEARANCE RETENTION** – unlike textile, carpet or hardwood, our flooring retains its appearance without flattening.
- **KNOWLEDGE & EXPERIENCE** – our unique background and product together with our position as a world leader in woven design flooring make Bolon flooring a safe and sound investment.



Bolon By You Weave Grey Sand gloss

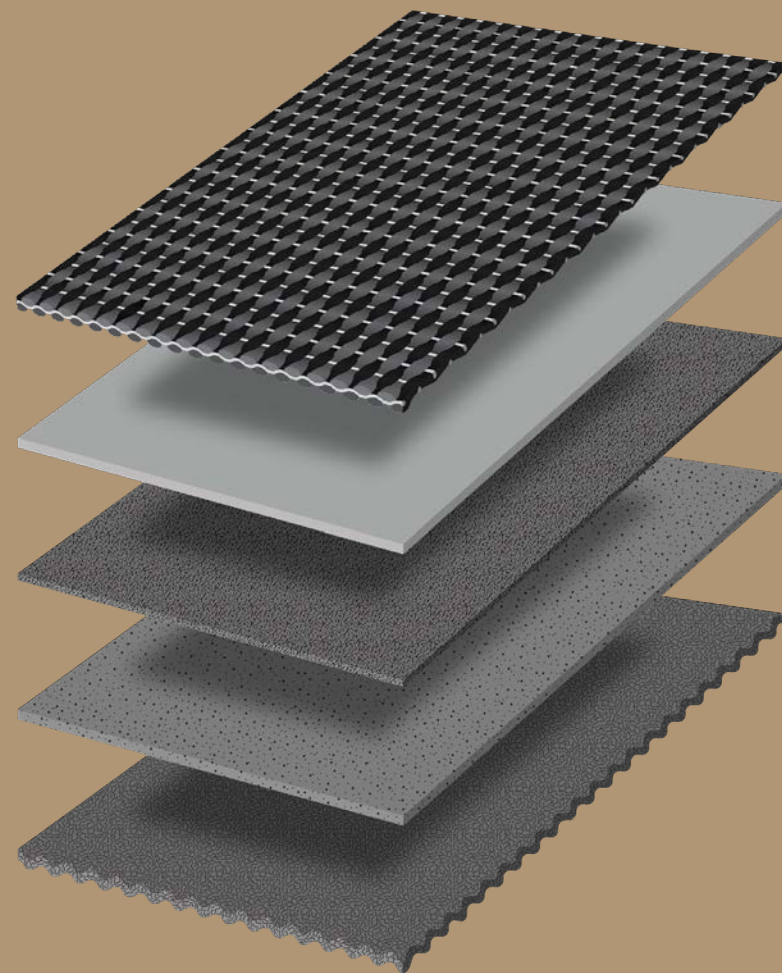


## DESIGNING WITH ACOUSTIC FLOORING

Sound insulation is an essential feature in a building as it reduces the transmission of sound disturbances to the room below. The thicker insulation layer improves the impact noise reduction **up to 22 dB**. This flooring enhancement is a perfect choice for spaces such as offices, busy lobbies, corridors, or other high foot traffic areas.

## SILENCE WITHOUT COMPROMISE

- **IMPACT NOISE REDUCTION** – reduced sound level to the room below is 21-22 dB.
- **AIRBORNE SOUND ABSORPTION** – the flooring absorbs 15% of the sound energy.
- **MADE OUT OF RECYCLED PET** – The sound insulation layer consists of **90% recycled polyester fibres** which are sourced from PET-bottles.
- **GREAT PERFORMANCE** – the sound insulation layer doesn't affect the flooring's performative qualities such as fire rating, durability or warranty.
- **THICKER FLOORING** – the insulation layer makes the flooring thicker (5 mm) matching other flooring types.
- **SOFTER** – another great benefit of acoustic Bolon flooring is that it makes it softer and more comfortable to walk on.



### 1. WEAVE

The weave layer consists of vinyl warp and weft yarns tightly woven together.

### 2. UPPER LAYER

The upper backing layer gives the flooring its fire-protective properties.

### 3. GLASS FIBRE

The middle backing layer consists of glass fibre giving the flooring dimension and stability.

### 4. SOLID BASE

The bottom backing layer contains recycled material and is changeable for specific needs.

### 5. SOUND INSULATION LAYER

The sound insulation layer consists of a felt material that reduces sound and noise traveling in the construction.



Bolon Elements Oak



## SUSTAINABILITY AS STANDARD

A Bolon flooring is a sustainable choice considering its long product lifetime, outstanding durability properties, Eco-friendly cleaning, and the climate neutral manufacturing in Ulricehamn Sweden. Moreover, the PVC used in the flooring is solely bought from Best Environmental Practice suppliers.

We also recycle our own, and even others, production waste at our integrated recycling plant. And by re-using the material producing new flooring, our end product is resource-efficient with a lower environmental impact.

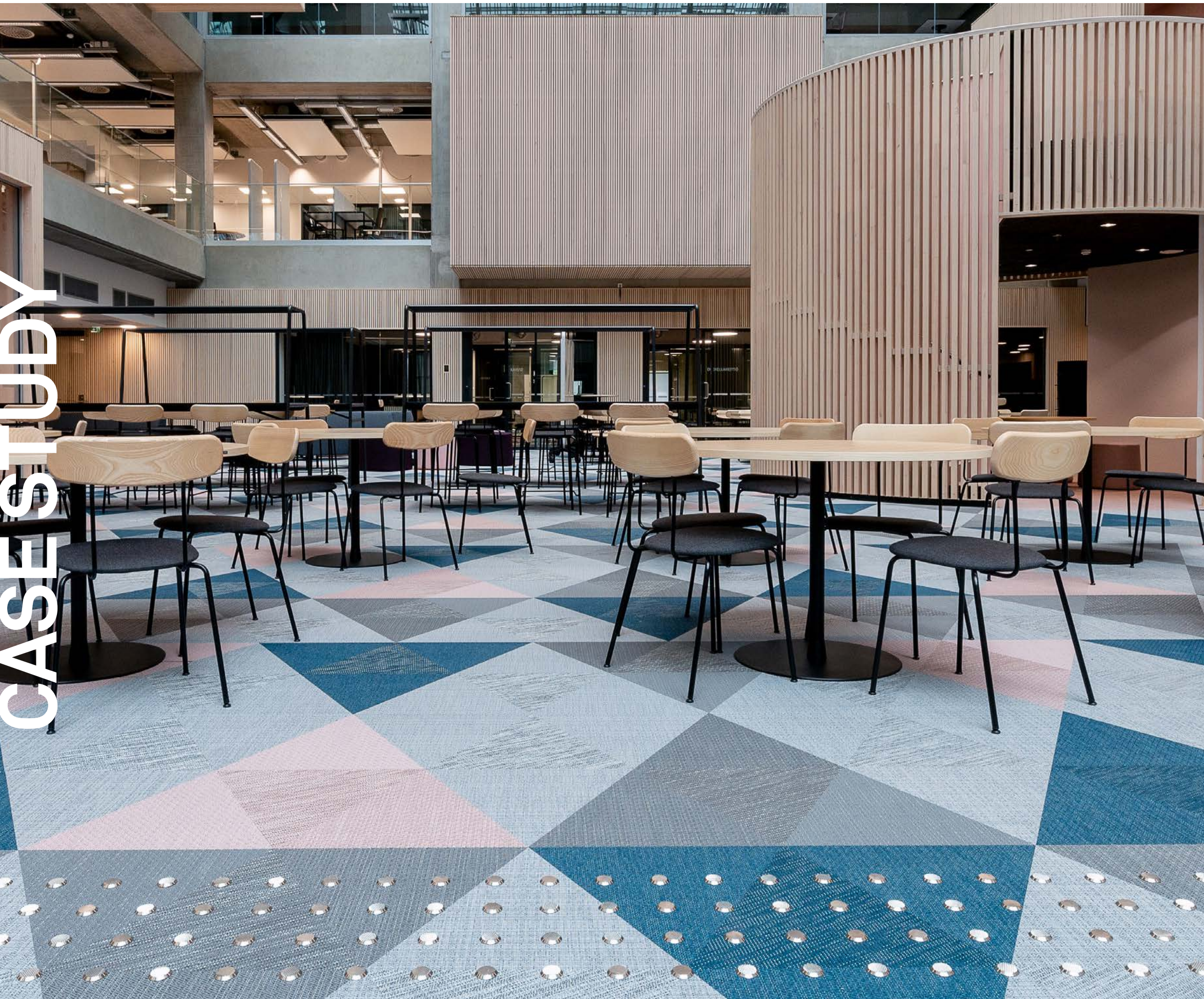
## ENVIRONMENTAL PERFORMANCE OF BOLON FLOORING

- **RECYCLED WASTE** - All collections contain recycled material from pre-consumer waste.
- **RENEWABLE ENERGY** - We use 100% renewable energy in our factory.
- **BEST PRACTICE PVC** - We only use best practice PVC and source raw material from the greenest polymer factories.
- **PHthalate FREE** - All our products are 100% phthalate free.
- **INTEGRATED RECYCLING** - Our recycling plant is integrated with our factory.
- **CLEAN MAINTENANCE** - Cleaning can in, most cases, be performed with just water.
- **GREEN TRANSPORT** - We primarily work with local suppliers which reduces transport-related environmental impact.



Bolon Elements Cork, Flint





## A NEW ERA FOR EDUCATIONAL ARCHITECTURE

EduCity is Kupittaa campus' new centre for education, innovation and research. Located in Turku Science Park, the seven-storey building unites modern architecture with existing buildings, opening up new opportunities to utilize facilities and services. In many ways, the building is a trendsetter that deviates from the traditional plan of educational architecture. One example is of-course the slide connecting the street level with the lobby areas. A fun detail emphasizing the spirit of the building. After all, learning isn't meant to be boring.

### **CHALLENGE** Creating functional spaces

One of the challenges was to create a multipurpose interior that could facilitate the needs of students, teachers and employees. The architects wanted to design common spaces encouraging spontaneous meeting and co-operation between the different users. To be able to meet the highest platinum level requirements of the LEED environmental certificate, special attention had to be paid to energy- and material choices.

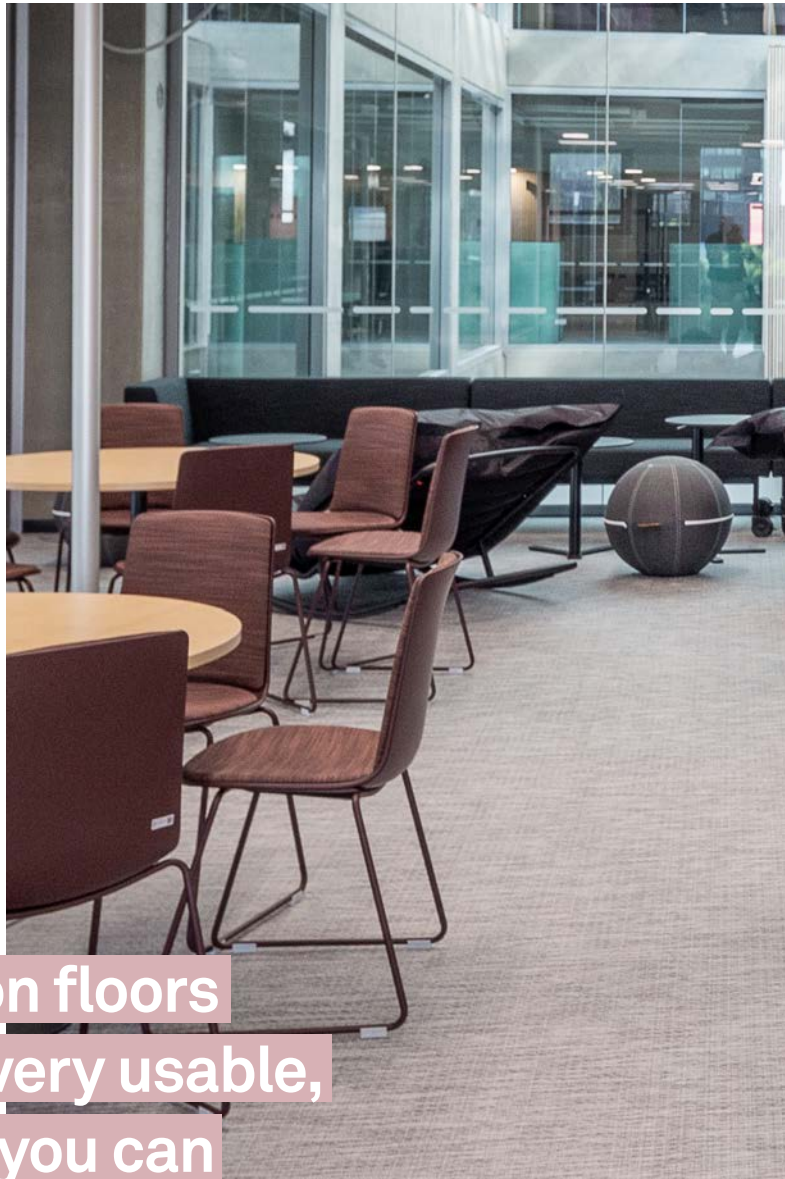
### **VISION** Bold look with great acoustic properties

The idea behind the interior design was to create a natural, bright and warm feeling contrasting the building's façade, mainly consisting of dark, handmade bricks. Large section of windows made it possible to use the natural light as a design element. The furniture and flooring were used to add colour and vividness to the overall calm Scandinavian colour scheme. The floor also accentuates the geometrical pattern repeated throughout the design.

### **SOLUTION** Durable flooring adding character

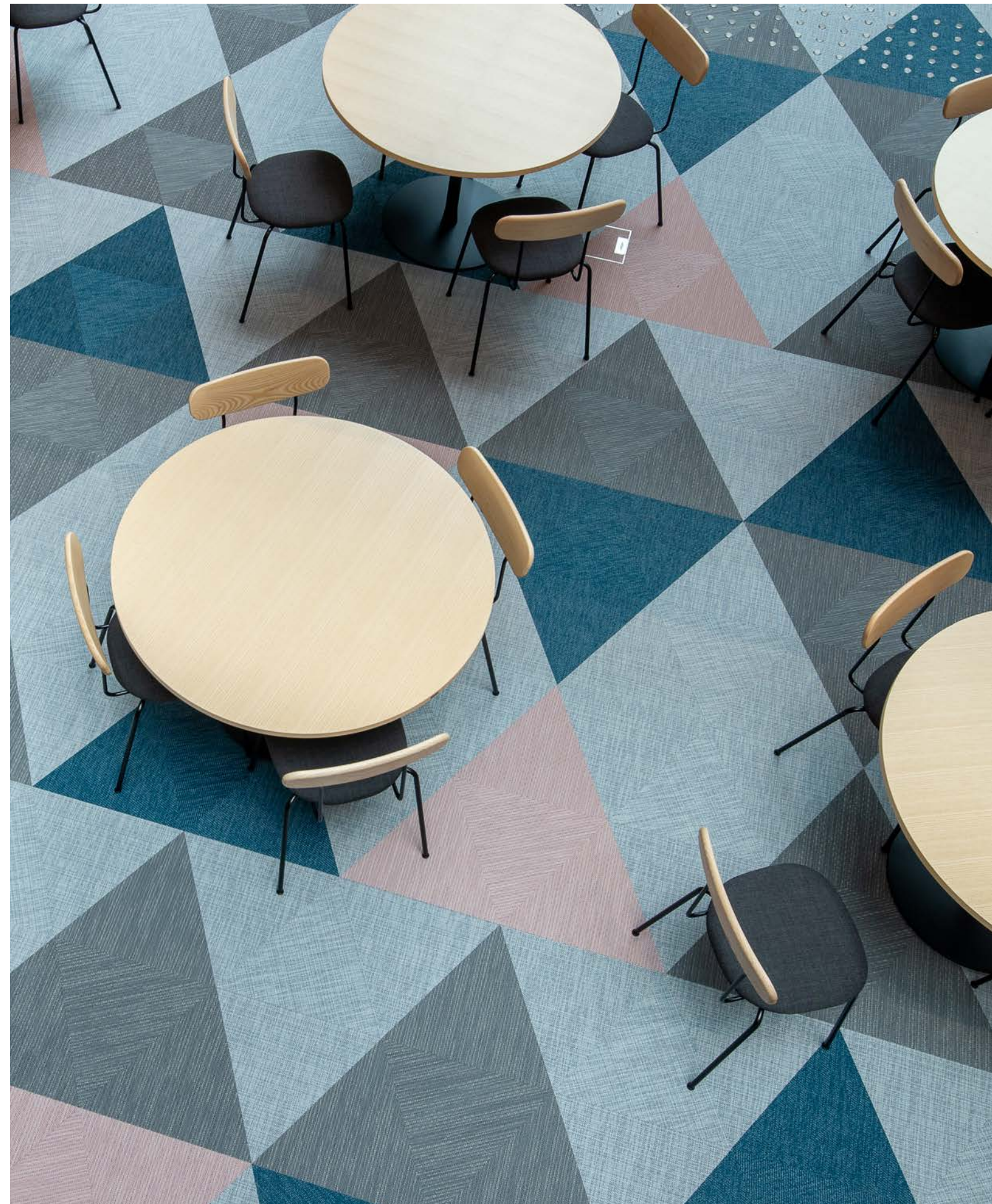
The designers picked Bolon Studio™ Triangle, Artisan Slate, customized Artisan Kale and Elements Wool as flooring material on a total area of 4,000 m<sup>2</sup>. The dynamic shapes, woven structure and versatile colours of Bolon added to the overall vision of a dynamic, inspiring and innovative educational experience.





“ Bolon floors  
are very usable,  
and you can  
create beautiful  
spaces with them ”

—AROLA LEENA  
SIGGE ARCHITECTS





# CLASSROOM





# AUDITORIUM



# STAIRS





# MEETING ROOM



# CORRIDOR





# COMMON AREA





# BREAK AREA





PROOF OF PERFORMANCE

Our products and processes have been awarded stringent environmental certifications for buildings including GreenTag, BREEAM and Floorscore, which contribute to a higher LEED rating. These third-party verified certifications are one way of demonstrating and communicating our environmental quality. Our declarations provide transparency and availability for everyone. Because Bolon operates in many different markets, we have many different certificates and declarations.

Click here to read more about our certificates.



FREQUENTLY ASKED QUESTIONS



TECHNICAL PERFORMANCE

IS THE FLOORING ACOUSTIC?

Our flooring's impact sound absorbtion varies for different products from 11dB to 14dB. With the acoustic felt option the sound absorbtion is up to **22dB**. Make sure to read the designated product specification.

WHAT IS THE FIRE RATING OF YOUR FLOORING?

Bolon flooring complies with the requirements in the European, standard En 13501-1, fire classification of construction products, and has achieved the rating just below non-combustible material. This classification is called BflS1 and includes both fire and smoke production. Bolon flooring is approved for emergency exit routes in Sweden.

WHAT IS THE FLOORING'S SLIP RESISTANCE ASSESSMENT?

CE certification for the floor includes a slip resistance assessment. The lowest value for materials used in public areas is 0,3. Bolon's collections have a slip resistance value of >0.5

IS BOLON FLOORING ANTI-STATIC?

Bolon flooring does not generate a static charge but it cannot be classified as an electrostatic dissipating floor. Bolon flooring has been tested and fulfill the requirements of the European Directive EN 1815.



INSTALLATION

CAN BOLON FLOORING BE INSTALLED ON CHIPBOARD, PLYWOOD AND CONCRETE, PORCELAIN AND CERAMIC FLOORING?

Yes. It is important with a leveled subfloor for a good result. Make sure that the adhesive used is compatible with vinyl and the subfloor.

CAN I USE BOLON FLOORING ON RAISED FLOORS?

Yes. Especially our tiles work excellent for raised floors. For more information contact your local partner.



HEALTH AND WELLNESS

IS BOLON FLOORING HEALTHY AND SAFE?

Yes. Our floors are free from additives such as phthalates or heavy metals. The PVC used comes from environmentally certified factories that have low emissions and efficient energy use. Moreover, our floors have low emission values of VOC and are featured in various hospitals and healthcare practices around the world. All collections are recommended by The Norwegian Asthma and Allergy Association (NAAF).



SUSTAINABILITY

DO YOU CALCULATE THE FLOORING'S ENVIRONMENTAL IMPACT ACROSS THE WHOLE LIFE-CYCLE?

Yes, we have performed so-called EPD's, life cycle analyses, on all our collections. The analyses made it clear that the biggest climate impact comes from the production of the vinyl raw material. We will reduce this climate impact in the coming years.

WHICH PRODUCTS CONTAIN RECYCLED MATERIAL?

All of our collections contain recycled materials. The proportion of recycled material varies between 10-30% of the total material used.

IS PLASTIC A GOOD MATERIAL FOR FLOORING?

Plastic can be a beneficial material for flooring in particular. This depends on the type of plastic used and how it is handled. The plastic we use is hardwearing with a 10- or 15- year guarantee. Our raw material, PVC, can be recycled up to seven times and it is completely free of additives such as phthalates or heavy metals. Our floors have low emission values and are, therefore, approved for hospital environments. The floors are also easy to clean, usually, plain water is all that's needed to clean them. Based on these facts, a plastic floor from Bolon is many times a good environmental option compared to other flooring.



**For more information,  
please reach out to**

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**BOLON**

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