



econfloor

P O L S K A S P. Z O O.

SPC RIGID & LVT VINYL FLOORS

The unique SPC rigid vinyl flooring
with the patented Lotus Protect technology

2026/2027



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What is SPC-Rigid vinyl flooring?

SPC-Rigid Vinyl is a modern evolution of classic vinyl flooring, which you are no doubt already familiar with.

The key difference lies in its core: the SPC-Rigid core consists of a layer of pressed stone powder (Stone Powder Composite) combined with reinforcing additives. This results in a floor with exceptional dimensional stability, pressure resistance, and heat resistance — an excellent choice for discerning residential and commercial customers.

This core layer is integrated into the load-bearing board of SPC-Rigid vinyl flooring, giving it robust and rigid properties. In specialist terminology, this load-bearing board is also referred to as the Rigid Board.

SPC-Rigid vinyl flooring is the latest development in high-performance flooring solutions.

SPC-Rigid Vinyl Flooring: the tougher, longer-lasting, and at the same time natural alternative to solid wood flooring.





2572

LOTUS PROTECT

LOTUS PROTECT is Europe's unique, patented UV-ceramic-hardened vinyl surface.

The technology was developed by Econfloor Polska to deliver maximum durability, hygiene, and ease of maintenance—permanently and visibly.

The combination of:

- Ceramic reinforcement
- UV curing
- Hard-System technology

creates a surface that is significantly more resistant than conventional vinyl flooring and preserves its appearance over the long term.

A floor that shines like the first day

Thanks to its closed, ceramic-hardened surface, LOTUS PROTECT™ remains beautiful even under heavy use.

The effect:

- ✓ No signs of wear
- ✓ No dulling of the surface
- ✓ No permanently adhering stains
- ✓ High color and UV stability

The Marker Test: visibly better performance

A standout feature of LOTUS PROTECT is its exceptional resistance to dirt. Even markers can be easily removed—where conventional vinyl floors would leave visible traces.

Inspired by the lotus flower. Engineered for the highest standards.

The Exclusive Benefits of LOTUS PROTECT

1. Extremely Scratch- and Wear-Resistant

The ceramic-reinforced hard-system technology reliably protects against scratches, abrasion, and daily wear and tear.

2. Water- and Dirt-Repellent

Water, oil, paint, stains, and markers bead off without leaving any traces.

3. Antibacterial Surface

Germes barely adhere — for greater hygiene and less cleaning effort.

4. Low-Maintenance & Everyday-Friendly

A simple wipe is all it takes. No special cleaners required.

5. Waterproof & Mold-Resistant

Ideal for kitchens, bathrooms, entryways, and commercial surfaces.

6. Safe & Healthy

- ✓ Fire-resistant
- ✓ Formaldehyde-free
- ✓ Low VOC
- ✓ Suitable for healthy living

Why LOTUS PROTECT is Unique in Europe

While comparable coatings are mostly sourced from Asia, LOTUS PROTECT is the only fully Europe-available UV-ceramic-hardened vinyl surface.



Scratch resistant



Antibacterial



Waterproof



Light-resistant

50% stronger than conventional floors

Econfloor Polska uses the registered, unique technology combination "Lotus Protect" for surface treatment and reinforcement of the wear layer.

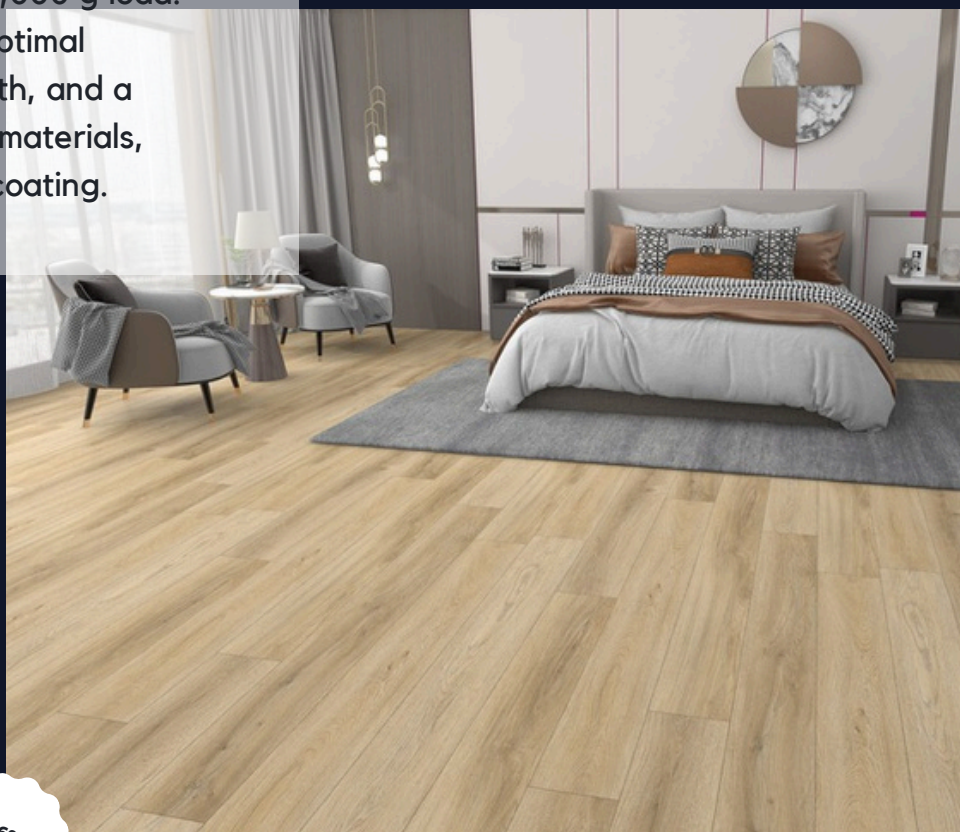
The Lotus Protect technology is a renewed heat-treatment process in manufacturing, incorporating ultra-fine ceramic nanoparticles into the surface layer.

50% STRONGER

Confirmed by SGS capacity tests.

The Hard System developed by Econfloor Polska withstands 4,500 cycles compared to 3,000 cycles for standard floors, based on the same 0.3 mm wear layer, tested with an H18 sanding disc under a 1,000 g load.

The Hard System combines optimal thickness, exceptional strength, and a selection of high-quality raw materials, enhanced with a special UV coating.



2608

BIOTECH CLEAN

Biotech-Clean inhibits the growth of bacteria, viruses, and molds on the floor surface.

SGS tests confirm its effectiveness against *Staphylococcus aureus*, coliform bacteria, and various fungal strains. Econfloor Polska's Biotech-Clean technology helps maintain a hygienic environment, making it ideal for schools, offices, and other public spaces.



HIGH SCRATCH RESISTANCE

Reinforced UV coating with ceramic nanoparticles. Econfloor Polska's patented, comprehensive technology improves the floor's resistance to wear and foot traffic over time, optimizing its durability against scratching and everyday wear.

0,55 mm wear layer

For all demanding environments

The 0.55 mm thick wear layer is ideal for all demanding operating environments:

- supermarkets
- hairdressers
- shopping malls
- medical practices
- office premises
- airports
- studios
- fitness clubs

SPC-Rigid Vinyl Flooring — Hard. Resistant.

Characteristics:

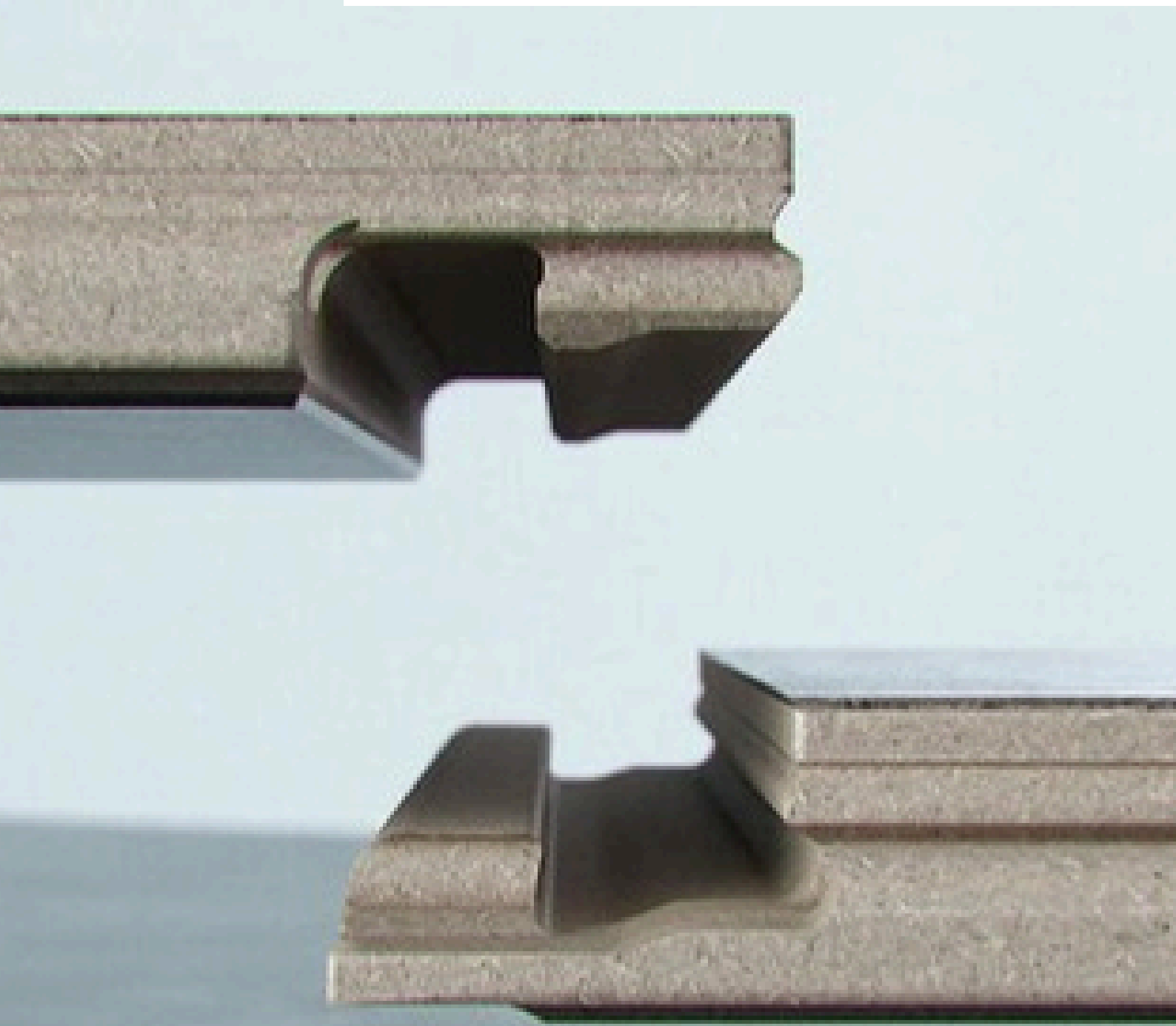
- water-resistant
- scratch-resistant
- antibacterial
- mould-resistant
- sound-insulated
- easy to clean
- suitable for underfloor heating
- tiles and carpet decors

1.7 mm IXPE aluminium insulation

Perfect for underfloor heating systems

With its **1.7 mm IXPE–aluminium insulation** layer (including 0.2 mm aluminium), it's perfectly suited for underfloor heating.

Pushdown - Click system



The fastest installation thanks
to pushdown-click installation
system

Stable Core



The stable core has been developed specifically for WPC floors and other types of new hybrid floor coverings:

- Higher water resistance
- Greater resistance to damage
- Excellent dimensional stability
- Reduced acclimatization

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SUSTAINABILITY

SPC and LVT vinyl flooring do not require a single tree to be felled, nor are animal habitats compromised. Moreover, SPC-Rigid vinyl flooring contains no formaldehyde, has a low carbon footprint, and does not release harmful microplastics into the air or generate waste, thanks to its lifetime durability in both residential and commercial environments.

EASIEST INSTALLATION

The pushdown-click installation system is nearly self-explanatory: one click and a panel is securely installed. No time wasted, no frustration during installation. Detailed instructions are provided in the installation manuals for the pushdown-click system, as well as for the herringbone and glue-down flooring systems.





Deep Embossed Tech

GROWTH RING STRUCTURE AND PATTERN

Thanks to Deep Embossed Tech technology, your floor can feature the incomparable natural texture of magnificent wood.

The growth rings look remarkably realistic, turning any room into a stylish, inviting space. Enjoy the classic appeal of hardwood or the elegant texture of marble and slate tiles in your bathroom — all at an affordable price.



The unique three-dimensional grain of each panel makes Econfloor SPC vinyl flooring an excellent choice for your home and well-being.

You have to feel and see it to truly appreciate it.

Dry Back (DB)

ROBUST FOR PUBLIC AREAS

DB stands for "Dry Back floor covering" and is inspired by the balance of two unique qualities: dimensional stability and environmental friendliness.

With its new formulation and technology, DB offers superior dimensional stability among glue-down vinyl floors, combined with excellent flexibility to ensure the best fit on any subfloor.



DB is often installed in public and high-traffic areas. In particularly demanding environments, it proves more durable and long-lasting than standard flooring.



Perfect for
all private and
public areas.



Quality test and certification

EPH
SUCCESS BY QUALITY
Entwicklungs- und Prüflabor Holztechnologie GmbH
Zellescher Weg 24 · 01217 Dresden · Germany
www.e-ph-dresden.de

ISO 9001
certified by Deutscher Institut für Bautechnik (DIBt)

DAkkS
Deutsche Akkreditierungsstelle
D-PL 13054-03-00

European Notified Body for construction products (EN166)
Recognized body of DIN EN ISO 9001

TEST CERTIFICATE

FOR PERFORMANCE CHARACTERISTICS OF CONSTRUCTION PRODUCTS FOR THE CE MARKING

BOD-19-10-09-02

Products: SPC floor coverings – Vinyl floorings
Structure: Marble grain with light embossed raindrop pattern
Thicknesses: 3.2 – 8.0 mm

Client: econfloor Polska Sp.z o.o.
ul. Grel 77
34-471 Ludzmiarz
Polska

Order: Testing and classification of selected properties according to EN 14041:2008 (CE-labelling)

Test report: 2718053

Test results:

Properties	Results	Declaration according to EN 14041:2008
Reaction to fire according to EN ISO 9239-1:2010 and EN ISO 11925-2:2011; Classification according to EN 13501-1:2010 - Critical heat flow - Smoke production	11.3 kW / m ² 519 % * min	Be-s1
Anti-sliding properties according to EN 13893:2003	$\mu = 0.32$	class DS
Formaldehyde emission according to EN 717-1:2004	undetectable	class E1

Dresden, 09/10/2019

R. Gumbel
Head of laboratory

A. J. G.
Engineer in charge



- Abrasion resistance
- Antibacterial properties
- Chair castor test
- Colour fastness test
- Metal migration test for toys
- Phthalate test (17)
- Load resistance test
- SPC curling test
- SVHC stability (183)
- VOC emissions (53)
- WPC water stability (curling)
- MA fire resistance



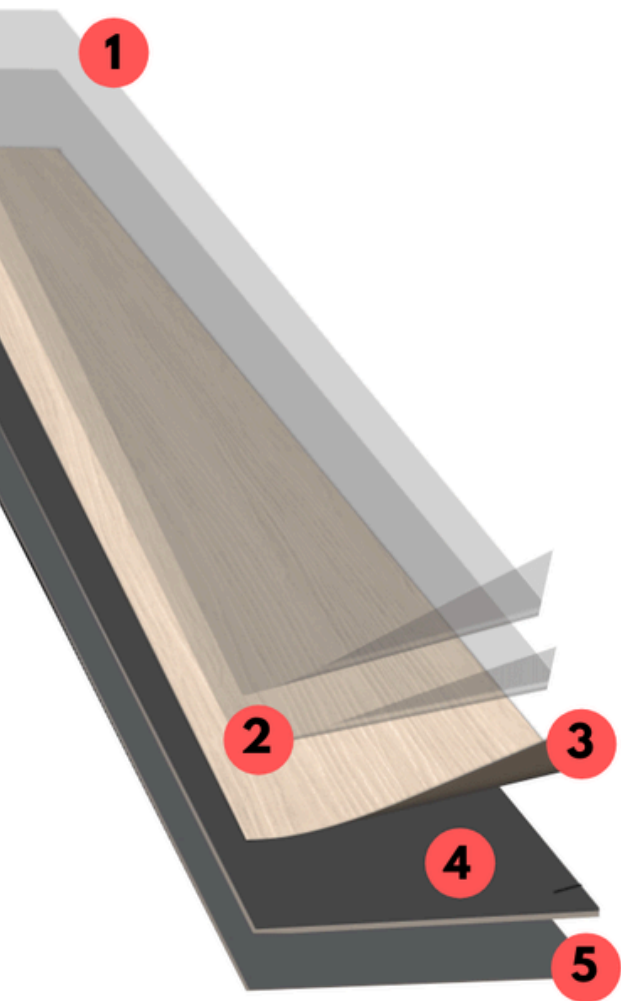
3149H

Technical data SPC-Rigid



Thickness	5.7mm, 6.7mm, 7.0 mm	
Wear layer	0.55 mm	
Clicking system	Pushdown Click-system	
IXPE-Aluminium underlay	1.7 mm (incl. 0.2 mm aluminium foil)	
Features	Waterproof, Wear-resistant, Anti-slip, Rot-, Fire-, Sound-, Mold-proof	
Measurements	1280 x 230 mm (La Boheme), 1830 x 230 mm (Big Size), 600 x 300 mm (La Villi), 610 x 126 mm (Herringbone), 940 x 470 (La Villi BS)	
Surface treatment	UV coated, EIR (Embossed in register), Hand-brushed wood, concrete/stone	
Advantages	Easy click-system to install, Labor costs saving, Strong stability, Eco-friendly	
Density	2.0g/cm ³	
Technical data	Test method	Result
Abrasion resistance	EN 660-2	42
Slip resistance	EN 13893/DIN 51130	R11 Class
Color fastness	EN ISO 105-B02	≥6
Castor chair resistance	ISO TR4918	Passed
Chemical resistance	EN ISO 26987	Excellent
Flame retardency	EN 13501-01	Bfl-s1
Toxicity	EN 71	Non toxic
Dimensional stability	EN434	< 0.06%
Castor chair effect	EN425	Good
Underfloor heating	EN12524	Suitable
Antibacterial properties	EN846	Very good
Peel strength	EN	100N/5cm
Load test	EN433	0.03
Heat resistance	---	0.026 m ² /KW
VOC	EN 16516	A+

SPC Rigid product layers



LOTUS PROTECT → UV + ceramic layer

High-quality protection and resistance to environmental factors

Wear layer

Long-lasting colour vibrancy & easiest cleaning

Decorative film

Excellent decorative colour and grain (oak, stone, carpet)

SPC Core

Resistant to water, mold, scratches, impact and wear

1.7 mm impact sound insulation (IXPE) incl. 0.2 mm aluminium foil

Excellent sound insulation and sound reduction + another barrier against mold

The technical structure defines the strength and quality of Econfloor vinyl floors — from the **UV coating**, wear layer, and decorative film to the SPC hard core and **IXPE impact sound insulation**.

It's a complete package designed to protect against the stresses of everyday life in both residential and commercial spaces.

Technical data LVT



Thickness	2.5 mm
Wear layer	0.55 mm
Properties	Waterproof, wear-, slip- & fireresistant, mould-inhibiting, sound-absorbing
Dimensions	1217 x 176 mm
Surface treatment	UV-coated, embossed/hand-brushed, light wood growth rings
Benefits	Simple installation, labour cost savings, eco-friendly, high stability
Refinement, Installation	Semi-Rigid load-bearing plate, heat-treated (matt, semi-matt, light), Dry-Back installation, glue-on installation (Glue-Down)

Données techniques	Test method	Result
Wear resistance	EN 660-2	42
Anti-slip	EN 13893/DIN 51130	R11 Class DS
Color fastness	EN ISO 105-B02	≥6
Flexibility	EN ISO 24344	20mm
Resistance to chair wheels	ISO TR4918	Passed
Chemical resistance	EN ISO 26987	Excellent
Toxicity	EN 71	Non-toxic
Fire resistance	EN 13501-1	Bfl-s1
Dimensional stability	EN434	< 0.06%
Chair castor effect	EN425	Good
Underfloor heating	EN12524	Qualifies
Antimicrobial properties	EN846	Very good
Peel strength	EN	100N/5cm
Load test	EN433	0.05



2580

Collections

LA TRAVIATA 255 2.5 mm, 0.55 mm

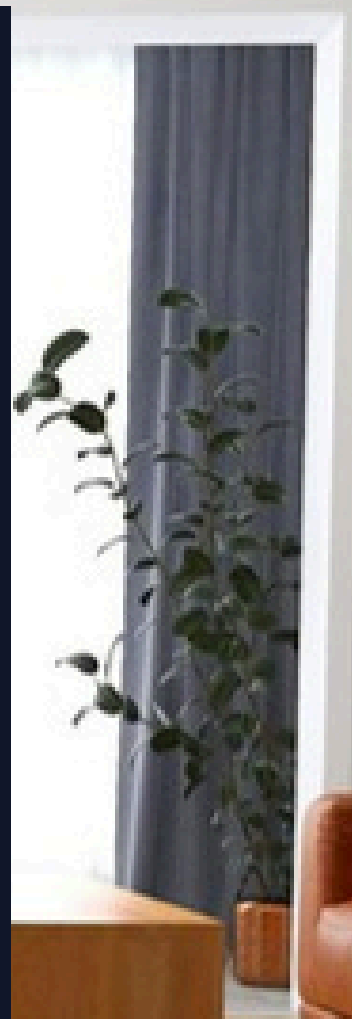
LA BOHEME 55 5.7 mm, 0.55 mm

HERRINGBONE 55 5.7 mm, 0.55 mm

LA VILLI 65 (Stone-design) 6.7 mm, 0.55 mm

LA VILLI BIG SIZE 65 6.7 mm, 0.55 mm

BIG SIZE 70 7.0 mm, 0.55 mm





2576



COLLECTIONS & DECORS

La Traviata 255

2577-255

2.5 / 0.55 mm

1217 x 176 mm

LVT



30 / 10
years
warranty



La Traviata 255

2572-255

2.5 / 0.55 mm

1217 x 176 mm

LVT



Bestseller

30 / 10
years
warranty



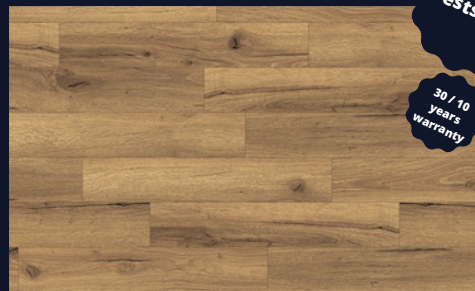
La Traviata 255

2592-255

2.5 / 0.55 mm

1217 x 176 mm

LVT



Bestseller

30 / 10
years
warranty



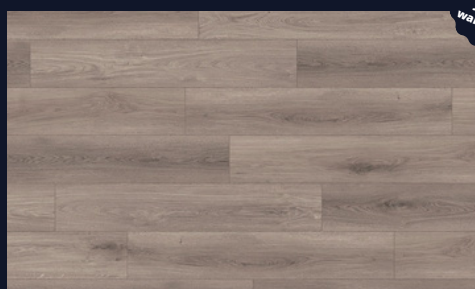
La Traviata 255

2597-255

2.5 / 0.55 mm

1217 x 176 mm

LVT



30 / 10
years
warranty





3283



COLLECTIONS & DECORS

La Boheme 55

2557-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



La Boheme 55

2572-55

5.7 / 0.55 mm

1280 x 230 mm

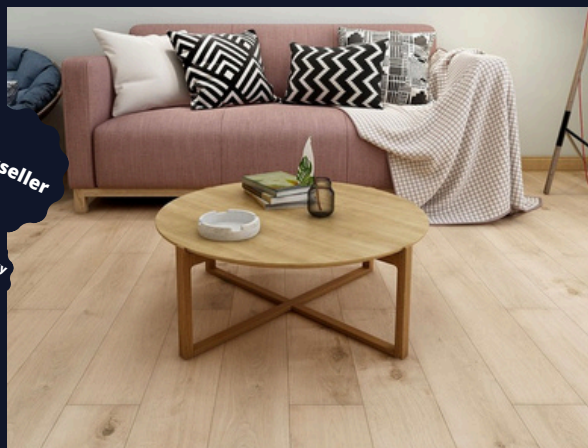
1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



La Boheme 55

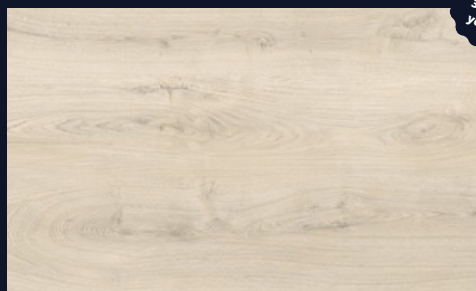
2574-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Boheme 55

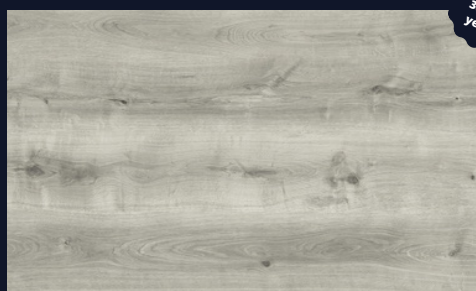
2576-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





COLLECTIONS & DECORS

La Boheme 55

2577-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Boheme 55

2580-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Boheme 55

2586-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



La Boheme 55

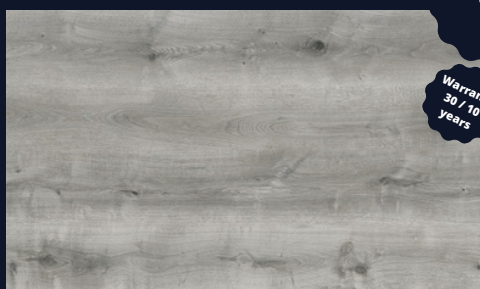
2588-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years





COLLECTIONS & DECORS

La Boheme 55

2592-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



La Boheme 55

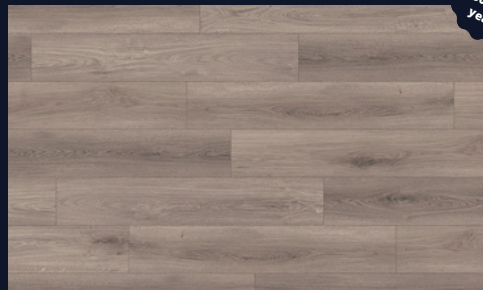
2597-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Boheme 55

2608-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



La Boheme 55

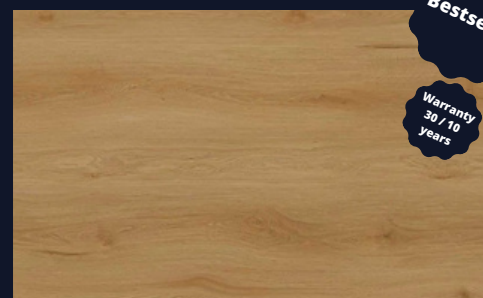
2566-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years





COLLECTIONS & DECORS

La Boheme 55

2594-55

5.7 / 0.55 mm

1280 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Bestseller

Warranty
30 / 10
years



Big Size 70

3286-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Big Size 70

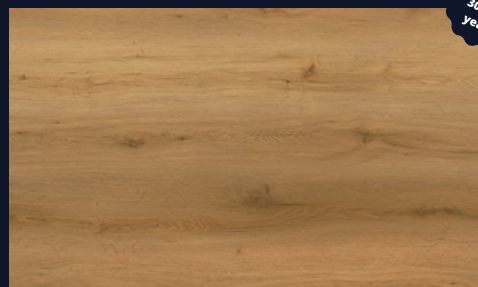
3287-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Big Size 70

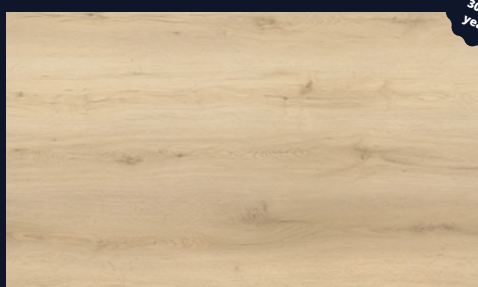
3288-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





COLLECTIONS & DECORS

Big Size 70

3283-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Big Size 70

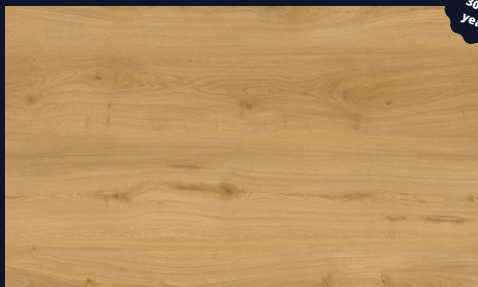
3284-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Big Size 70

3285-70

7.0 / 0.55 mm

1830 x 230 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





2608



COLLECTIONS & DECORS

Herringbone

2607H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Herringbone

3148H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Herringbone

3149H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Garantie
30 / 10
Jahre



Herringbone

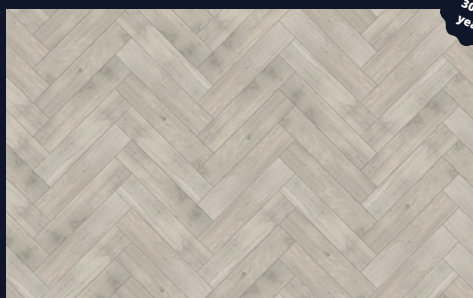
3238H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





3239H



COLLECTIONS & DECORS

Herringbone

3239H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



Herringbone

3240H-55

5.7 / 0.55 mm

610 x 126 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Villi 65

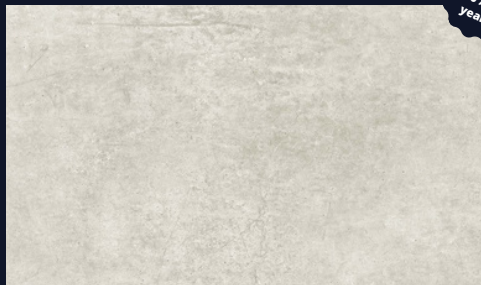
2599-65

6.7 / 0.55 mm

600 x 300 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Villi 65

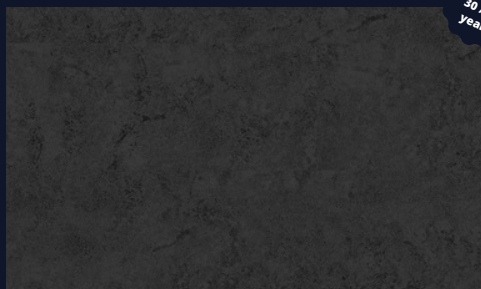
2600-65

6.7 / 0.55 mm

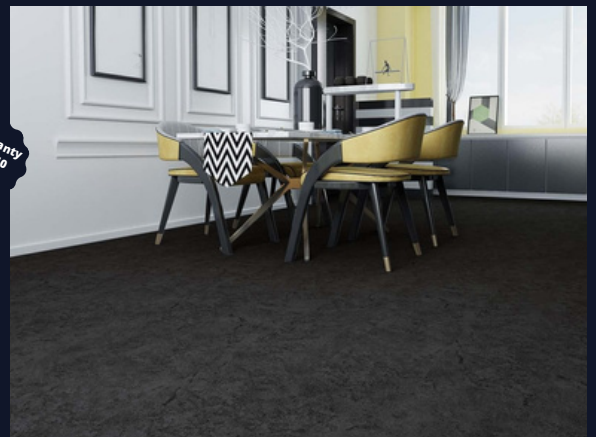
600 x 300 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





COLLECTIONS & DECORS

La Villi Big Size 65

3289-65

6.7 / 0.55 mm

940 x 470 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years



La Villi Big Size 65

3290-65

6.7 / 0.55 mm

940 x 470 mm

1.7mm IXPE-aluminium underlay

Pushdown-click installation



Warranty
30 / 10
years





ACCESSORIES



Waterproof Skirting

Characteristics:

Length

2400 mm

Height

58 mm

Montage

Clipholder

Structure

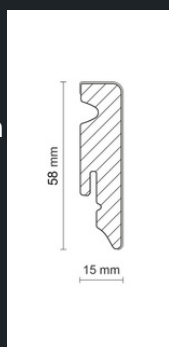
Waterproof, HDF Core

Packaging

10 pcs. for a package

decor that matches
the floor pattern

approx. 1m² = 1 lin. m



White Skirting

Characteristics:

Length

2400 mm

Height

70 mm

Montage

Clipholder

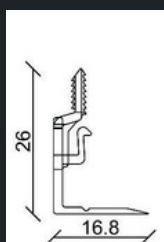
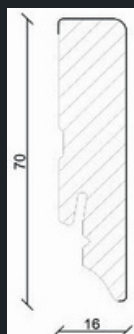
Structure

MDF

Packaging

10 pcs. for a package

approx. 1m² = 1 lin. m



approx. 3-4 pcs. for package

Cliphoder for Skirting

Characteristics:

Material

Plastic

Packaging

30 pcs. for a package



Glue

Suitable for all vinyl flooring econfloor POLSKA



Characteristics:

Simplified rule

1m² = 250g (1 kg = 4 m²)

Packaging

13 kg

Display stands, standard collection



Characteristics:

Article nr.

SKS002

Pieces included

8

Length

184 cm

Width

67,5 cm

Depth

107

Packaging

1 pcs.



Our credo is to produce strong, durable and long-lasting flooring for residential and commercial areas, with the most natural look possible - made of high-quality materials.

We look forward to welcoming you in our stores.

VINYL, LAMINATE, PRE-FINISHED PARQUET AND SOLID PARQUET FLOORS

Grel 77 | 34-471 Ludźmierz | Poland

www.econfloorpolska.com | sale@econfloorpolska.com | +48 182 005 180

The logo for econfloor, featuring the word 'econ' in a sans-serif font, followed by a stylized icon of three slanted parallel lines, and then the word 'floor' in a larger, bold sans-serif font. The background is a vertical split: the left side shows a green leaf with water droplets, and the right side shows a dark, textured surface with water droplets.

econfloor

P O L S K A S P . Z O O .