



Design Floors



Design floors
for more
amazing spaces

SELECT



Moduleo® Select

Our range at a glance

Wood

P10	P18
P16	P10
P18	P12
P18	P12
P10	P16
P10	P12
P12	P18
P16	P12
P18	P10
P10	P18
P12	P10
P10	P16

Tiles

P08	P08
P14	P14
P14	P08
P08	P14

Moduleo® operates a policy of continuous product development and therefore reserves the right to amend the technical performance and/or specifications of our products without notice.



Change is good.
Change shapes
the future and
the success of
a business.



Redefining benchmarks in flooring.

Changing the way you work, the way you think and perhaps most importantly, changing the way the world sees you. We help businesses change from the floor up, creating remarkable spaces that work hard and look spectacular. It's also what drives us forward; always looking for new ways to make our products better, and make them in a better way.

Change begins with a single step; a step onto Moduleo® design floors.

- 2 About us
- 4 Ecological responsibility
- 6 Moduleo® Select
- 20 Moduleo® Moods®
- 22 Research & Development
- 24 Why choose Moduleo®?
- 29 Installation
- 30 Joint strips
- 31 Laying patterns
- 32 Xtrafloor®
- 34 Technical information

Changing the face (and floors) of business

Moduleo® is the next generation of luxury flooring, combining the look, feel and durability of real, natural materials, but with the straightforward installation and maintenance associated with vinyl flooring.

Moduleo® is brought to you by the IVC Group, a company with a rich and long heritage of producing beautiful, resilient flooring for almost any application.

Based in Belgium, Moduleo® is made at our unique 'green' factory in Avelgem, which was purpose built to manufacture our flooring in a responsible way. A fully automated warehouse facility on site also has the capacity to store 1,000,000m² of Moduleo® flooring.

Besides the numerous energy saving and waste reduction measures in place, our plant also ensures that unlike other manufacturers, we 'own' the entire design,

manufacture and logistics process, without the need to import material from external suppliers. This allows us to retain total quality control at every stage of the journey.

A complete flooring solution

The versatility of an entire family of IVC brands means that we are able to offer the commercial world the convenience of a one-stop flooring solution to suit all areas of a project.

The product portfolio consists of 4 brands: Leoline® (residential vinyl floors in rolls), Itec® (project vinyl floors in rolls), Moduleo® (high-quality modular vinyl floors for project and residential use)

and Xtrafloor® (accessories for vinyl and LVT floors). Since 2015 IVC Group forms part of the American listed Mohawk Industries Inc., the world's market leader in flooring.





**Research and
development**

Design

Manufacturing

Packaging

Distribution

Change for the better

At Moduleo®, we are acutely aware of the impact of our operations and are committed to changing the manufacturing of luxury vinyl floors, by leading the way in ecological responsibility.

By choosing Moduleo® flooring for your project, you're choosing a floor that will only make an impact on design spaces, not the planet.



Production with green energy

Our production facility in Avelgem is equipped with three wind turbines that fulfill the strictest health and safety standards for noise and visual pollution. The turbines can operate at up to 13.3 GWh/year and fulfill one third of the energy needs of the plant.



Strict raw material checks

Moduleo® consciously opts for production processes that met the international standards. All suppliers must comply with the REACH regulations.



Made in Belgium

All Moduleo® design floors are made in Belgium. By siting our production as close as possible to our customers we avoid the need for environmentally damaging long haul transport.

That's a deliberate choice of ours, to minimize CO₂ emissions and our ecological footprint.

**Up to 50% recycled material**

Moduleo® floors contain up to 50% recycled and certified material.

Post-industrial recycling also enables us to obtain an especially 'pure' type of PVC with a very limited impact on the environment.

**Water-based inks and PU coatings**

For our printing processes we make exclusive use of environmentally friendly water-based ink and PU coatings

**Limited waste, extensive recycling**

At Moduleo®, we are constantly looking for new and better ways to package our products and reduce and recycle waste.

Moduleo® Select

Looking to select a unique design?

Beautiful and durable, Select is ideal for any area of the home. Combining the natural look of stone and wood with the durability of vinyl technology, Select is scuff-proof with a Protectonite PU protective layer, is moisture-resistant (making it ideal for kitchens and bathrooms) and easy to clean. Select is delivered with a 15-year residential and a 7-year commercial warranty.

KEY FACTS

- ▶ 24 wood designs
- ▶ 8 tile designs
- ▶ Dryback and Click
- ▶ 15-year residential / 7-year commercial warranty



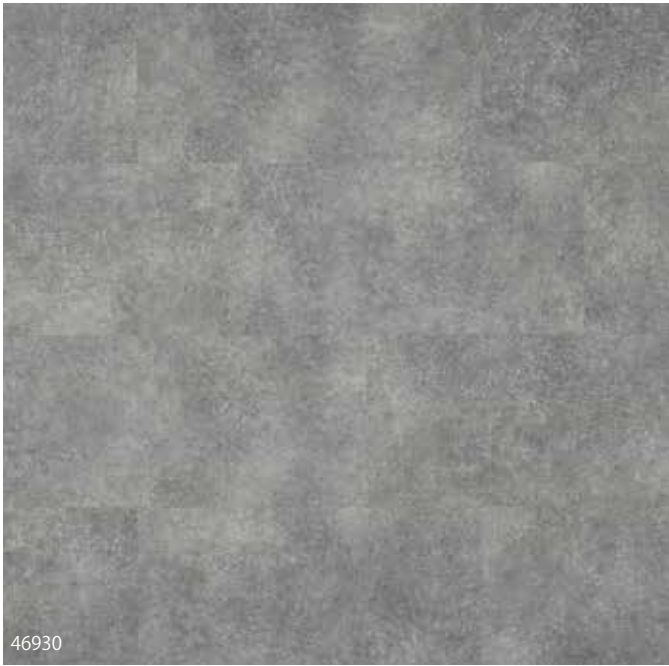
See back of brochure for full technical specifications

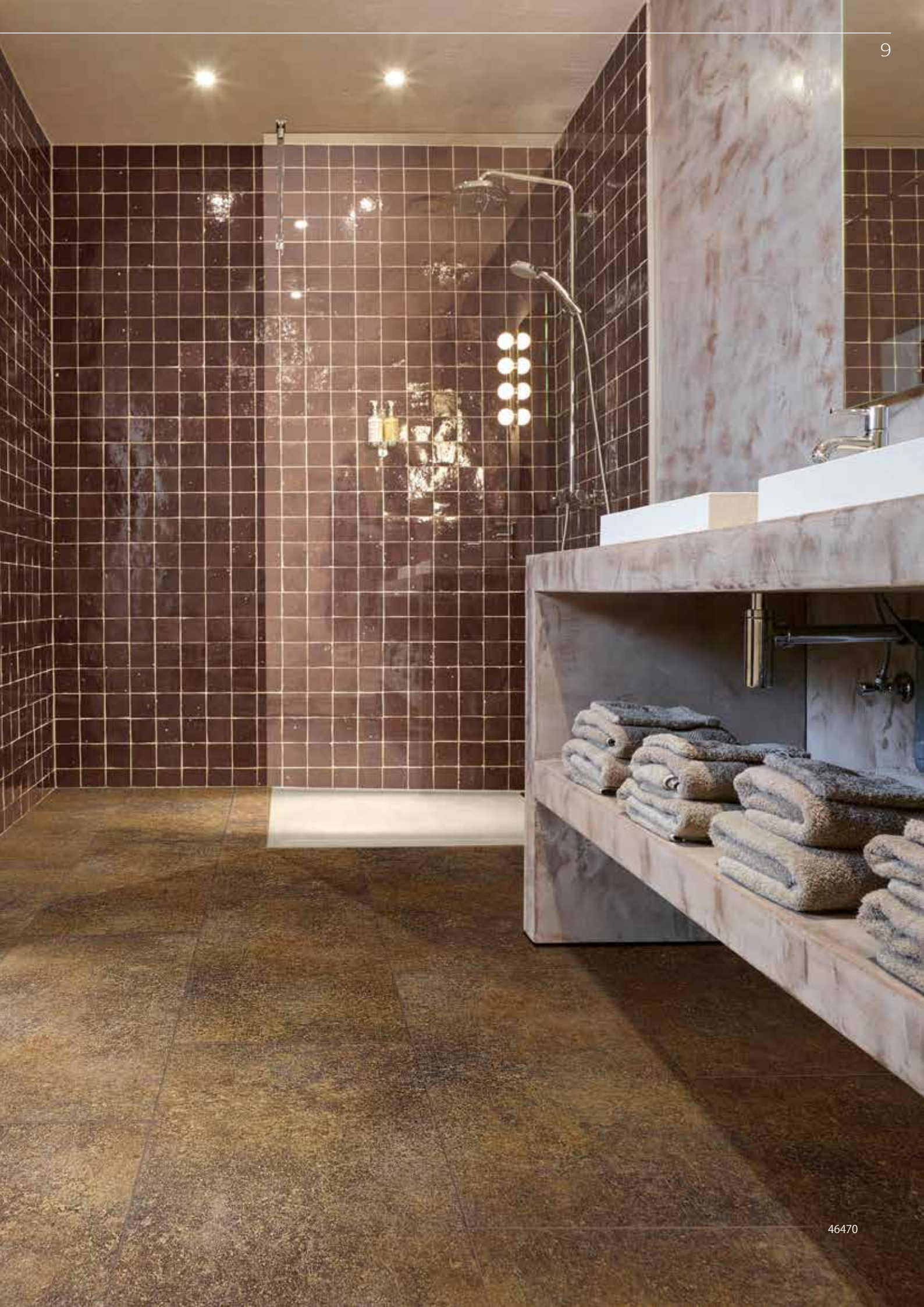




Select your room,
select your style.
Select, your floor.

Cantera









Classic Oak



24837



24125



24228



24844



24864



24877



24932



24980

Country Oak









Jetstone



46942



46232



46982



46992

Maritime Pine









Midland Oak



22231



22240



22110



22929



22821



22863



New formats, endless possibilities

Today, we are taking our mission one step further by introducing Moduleo® Moods®: a creative studio where you can combine 10 creative and unique formats with a selection of stone and wood textures from our Transform and Impress ranges to create over 110 beautiful floor designs, from classically elegant to wildly dynamic, all with the signature Moduleo® quality.

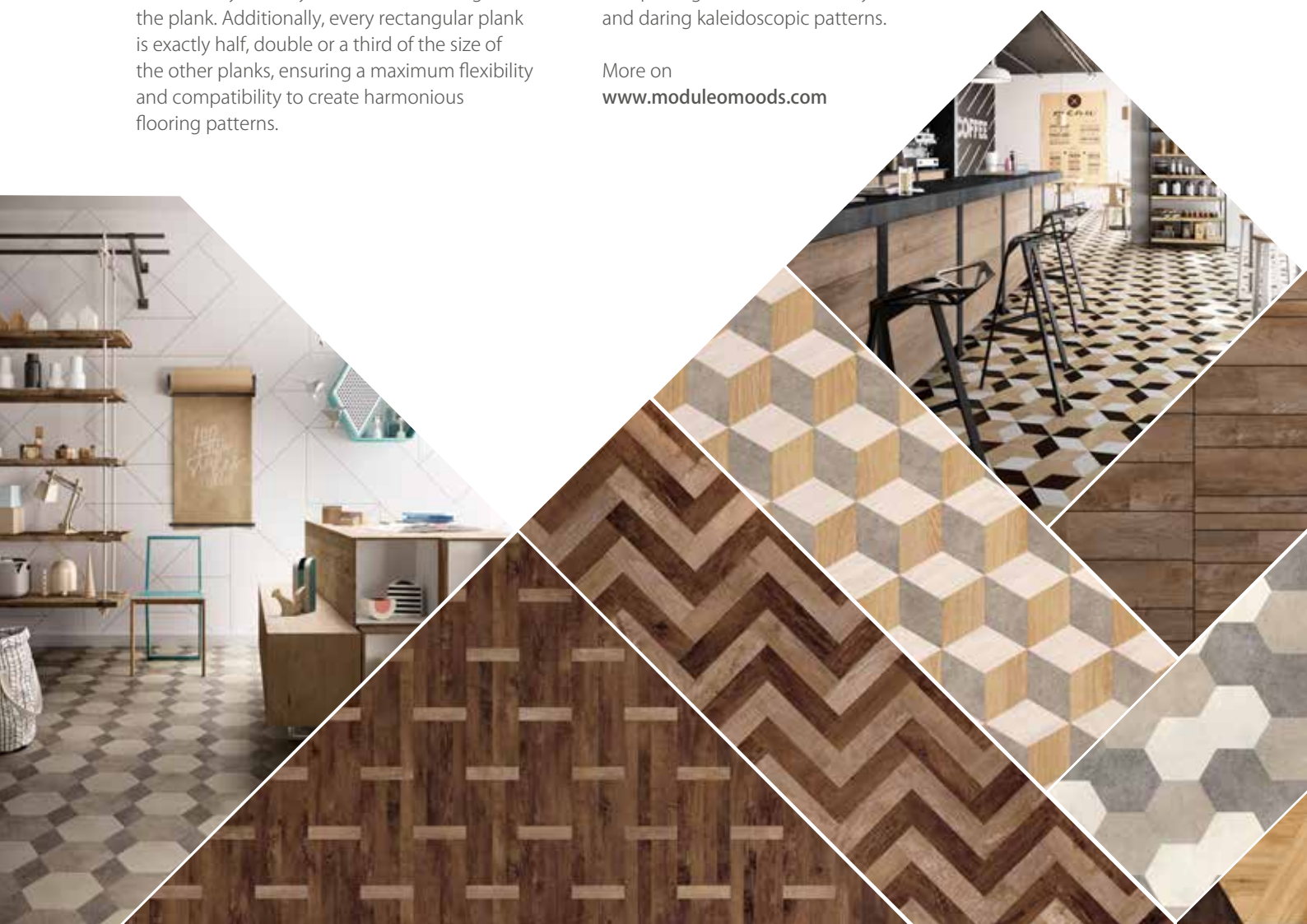
Rectangulars

The first group of special formats are the rectangulars: a group of planks based on a width that is always exactly 4 or 8 times the height of the plank. Additionally, every rectangular plank is exactly half, double or a third of the size of the other planks, ensuring a maximum flexibility and compatibility to create harmonious flooring patterns.

Geometrics

The second group of special formats are the geometrics: three shapes that interlock at oblique angles to create a family of intricate and daring kaleidoscopic patterns.

More on
www.moduleomoods.com



Create the floor
that is just right
for you.



Research & Development

Using the very latest in CAD/CAM software, our designers take pride in creating virtually flawless reproductions of natural materials. We involve our customers in the creative process and keep close tabs on ever-changing trends in the market.

Our global knowledge and unmatched design expertise makes us the ideal partner for any project. With a dedicated commercial sales team offering practical help and support, we're able to provide a speedy, flexible service.

Fast delivery and personal service

We have an extensive standard collection and we also offer custom made solutions. Moduleo® is your guarantee of personal service and the fast delivery of your products. Because we manage the entire design and production process from our establishment in Belgium, we are able to act quickly on any request for a specific product.





Strict quality control

Moduleo® has a strict in-house system for testing and quality assurance. This is with a view to guaranteeing that every floor offers the best possible performances and quality for your commercial project.



Our quality tests:

- ▶ Crack resistance testing
- ▶ Delamination testing
- ▶ Residual indentation testing
- ▶ Castor chair testing
- ▶ Dimensional stability and curling
- ▶ Furniture leg testing
- ▶ Ramp test for slip resistance
- ▶ Pendulum test for slip resistance
- ▶ Surface roughness testing
- ▶ Thickness and wear thickness testing



Why choose Moduleo®?

Moduleo® delivers extremely realistic imitations of wood and stone thanks to a unique production process. Via the patented **'Surface Layer Complex'**, Moduleo® has refined the multi-level format to make the flooring extra strong and durable. It describes how you produce Moduleo® via 'spread coating', combined with calendered backing and two glass fibre layers.

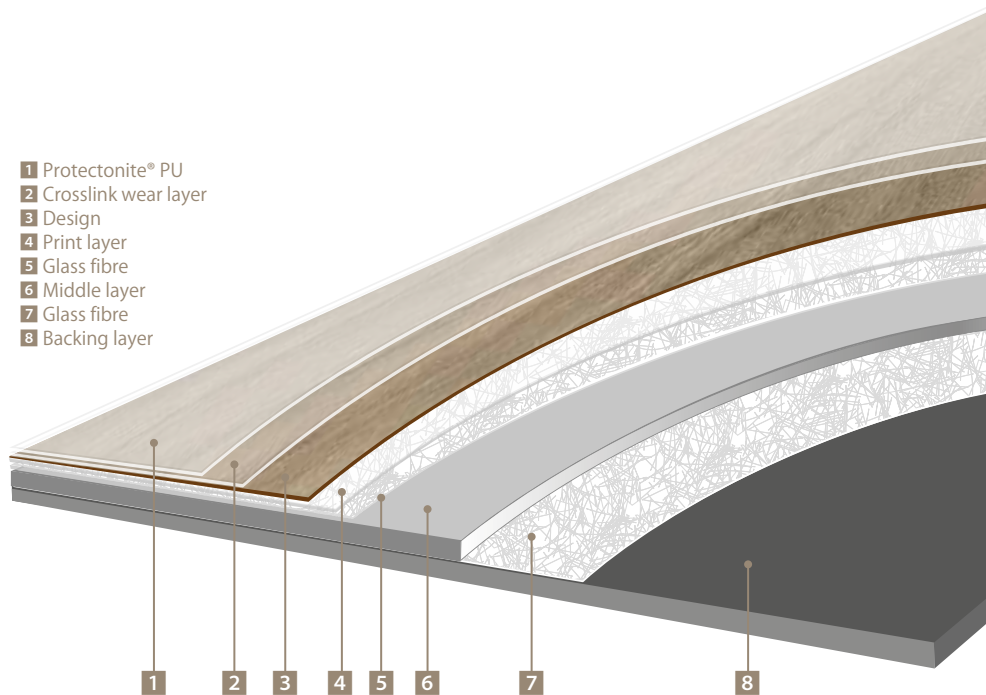
Patented 'Surface Layer Complex'

The five-layer complex is first melted as an intermediate product at high temperature for several minutes until it forms a strong whole. At the same time, the 'crosslinking' of the wear layer and lacquer takes place. This results in a strong bind between all the layers, meaning they are virtually impossible to separate.

In the backing or **underlay**, there is an additional reinforcement with glass fibre, which translates into a unique 'reinforced sandwich panel' structure. The result: super dimensional stability.

Moduleo® combines the best performances with the highest quality.

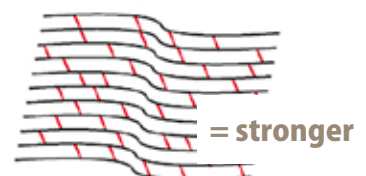
- 1 Protectonite® PU
- 2 Crosslink wear layer
- 3 Design
- 4 Print layer
- 5 Glass fibre
- 6 Middle layer
- 7 Glass fibre
- 8 Backing layer



Crosslink wear layer

An additional crosslink wear layer is moulded **onto** the wear layer. This is subsequently chemically cross-linked. This process provides a stronger, more stable and more sustainable result than a traditional wear layer.

**Moduleo® has
a Crosslink wear layer**

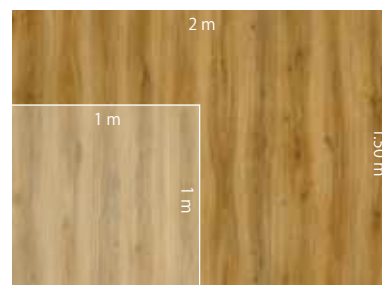


Extra large design



More natural variation and less repeating of the same patterns. This is how Moduleo® develops its **designs**. Our print technique and the large cylinders we use create an authentic floor with hardly any repetition of planks or patterns. Our bestseller format (1320 x 196mm) has no fewer than 90 unique planks per design, which represents over 23m².

Less repetition in patterns



Standard design
1x1m

Moduleo® design
2x1.5m



Perfect dimensional stability

All Moduleo® designer floors have an extremely high dimensional stability thanks to the patented construction with **double glass fibre layer**. The floor does not present any signs of piercing or swelling under intensive use. Just beneath the surface there is a first glass fibre layer, which is unique to Luxury Vinyl Tiles (LVT) and provides extra impact and tear strength. The glass fibre is embedded into a flexible layer that is right under the harder wear layer and therefore feels very comfortable underfoot. The second glass fibre layer is just above the backing layer.

Double glass fibre layer

Glass fibre has the natural property of making the product stronger and more stable.

Standard = EN ISO 23999

<0.25%

Moduleo®

<0.05%



Protectonite® PU protective layer

Every floor is protected with **Protectonite® PU**: an additional polyurethane layer that protects the floor against scratches and dirt. The result: maximum protection and minimum maintenance. This special layer is high quality PU, but is also additionally cross-linked. This makes our protective layer stronger and more resistant to stains than other LVT (stain tests have proven this).





High resolution print

It is hard to discern any difference from natural wood or natural stone. This is thanks to our unique printing technique with a very fine dot screen. It prints the pattern in high resolution on a flexible white print layer via 'HD water-based printing'.



IAQ - Indoor Air Quality

Our quality guarantees far exceed the legal requirements. Moduleo® has achieved a large number of international certifications: ISO 9001, ISO 14001, indoor air quality A+, BRE A+.



Guaranteed quality

A 7-year warranty applies to all Moduleo® project floors.





Natural look & feel

Moduleo® floors are virtually impossible to distinguish from natural materials. This is thanks to the strict selection of natural, fresh designs and the extensive range of realistic imitation structures.



Realistic V-groove

The V-groove on the four sides accentuates the Moduleo® planks and tiles, and contributes to the natural appearance of the floor.



Moisture-resistant

Moduleo® floors are hygienic and exceptionally well suited to spaces that are prone to slips, such as kitchens and bathrooms. This is thanks to their low maintenance and moisture-resistant wear layer.



Sound insulating

Better acoustics and less noise in busy spaces. That is what Moduleo® guarantees with its sound-insulating base, by contrast to less absorbent traditional parquet or laminate floors.



Hygienic and low maintenance

You do not need any expensive cleaning agents to keep your floor looking its best. By contrast to carpet, a Moduleo® floor will also not gather any dust mites or other allergens.



Slip and impact resistance

Our floors are extensively tested under critical conditions. They have passed the pendulum test and ramp test for slip resistance with flying colours. The result: a safe floor with an anti-slip value of R10.



Thermal insulation

A Moduleo® floor feels warm and even helps to save energy thanks to the exceptional thermal insulation. The insulation is perfect for a combination with underfloor heating.





Installation

Moduleo® is a solution that is flexible to install. The planks and tiles can be traditionally glued on the ground (Dryback) or laid using a simple, fast Click system.



► Gluing



Dryback

The traditional installation method: the planks and tiles are fully glued using an appropriate **glue** on a perfectly prepared subsurface that is hard, dry and free of defects.

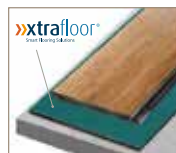
For optimum gluing of Moduleo® Dryback, we advise you to use Xtrafloor® glue.

More information on Xtrafloor® products available at www.moduleo.com

Click on www.moduleo.com for extensive installation information.



► Clicking






Click

The planks and tiles are placed in suspension on top of a solid, even subsurface. This renders the use of glue unnecessary.



The unique **LockXpress [LXP]®** system with handy tongue and groove joint allows for easy and user-friendly installation.

To even out the subsurface still further and achieve even better soundproofing, we recommend the use of **Xtrafloor®** subfloor.

	 DRYBACK	 CLICK	 LockXpress [LXP]®
	DRYBACK	CLICK	
Characteristics & advantages	Worldwide standard method for LVT Best value for money Designs, many combination possibilities	Easy to install Fast installation	
Thickness	2.35mm	4.50mm	
How to install	Adapted LVT glue	Suspended with patented click system	
Moduleo® USP	Double glass fibre: best dimensional stability on the market	Double glass fibre: best dimensional stability on the market Improved click system: Vertical locking system twice as strong	

Joint strips

30 strips / box

Moduleo® joint strips are individually coloured to complement our range of flooring. The strips can be used to imitate the use of a grout finish or add sophistication to wooden execution.

311S White

914 x 4 x 2mm



321S Beige

914 x 4 x 2mm



335S Dark Beige

914 x 4 x 2mm



960S Light Grey

914 x 4 x 2mm



390S Grey

914 x 4 x 2mm



382S Silver

914 x 4 x 2mm



395S Dark Grey

914 x 4 x 2mm



985S Black Glitter

914 x 4 x 2mm



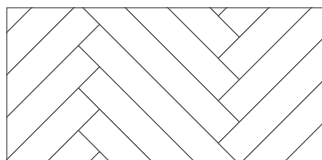
399S Black

914 x 4 x 2mm

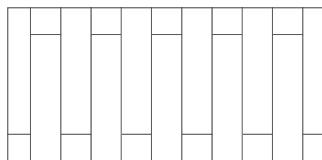


Laying patterns

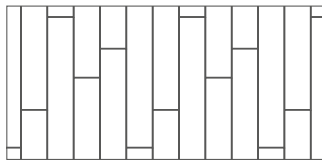
Create distinctive, unique looks for residential and commercial projects by utilising either standard size options or our special patterns. Below you can find some examples.



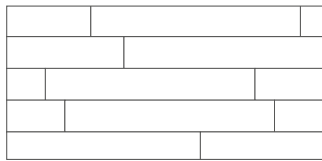
Herringbone
196 x 1320mm



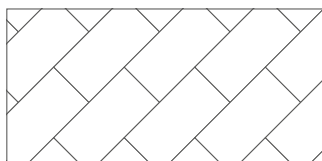
Brick formation
196 x 1320mm



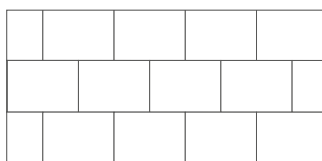
Deck formation
196 x 1320mm
Joint strip
4 x 914mm



Straight lay
196 x 1320mm



45° angle
329 x 659mm



Brick bond
329 x 659mm
Joint strip
4 x 914mm

Standard product sizes

SELECT WOODS

196 x 1320mm

Dryback

191 x 1316mm

Click

SELECT TILES

329 x 659
mm

Dryback

324 x 655
mm

Click

See 'Moduleo® Moods®' for more creative laying patterns with a selection of Transform and Impress Designs.



Chevron Columns
Blackjack Oak 22220 & 22937



Honeycomb Soft
Jura Stone 46960, 46935 & 46110

Meet Xtrafloor® for Moduleo®

Smart flooring solutions to install, finish & maintain your Moduleo® floor

Your go-to partner for luxury vinyl floor accessories. Whether you're looking for high-quality skirting boards, the right underlay for your flooring criteria, durable profiles or appropriate maintenance and installation products, you'll find it at Xtrafloor®. We provide a comprehensive solution to all your installation, finishing and maintenance needs.



Standard skirting

Our standard skirting boards fit every interior. Seamlessly connecting floor and wall, its unique patented technology offers an identical connection between your Moduleo® floor and skirting in design, colour and texture.

Easy to install. Simply glue them to the wall. The result? An effortless installation without clips or nails.



The identical connection for your Moduleo® floor 



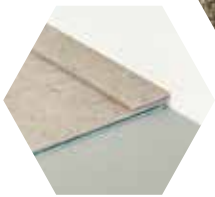
Water-resistant



Wear-resistant



Perfect water-resistant corner solution



Floor strips

Our floor strips offer an elegant and flexible solution for expansion gaps. Xtrafloor® floor strips boast a unique patented technology that allows us to use the same high-quality material of our Moduleo® flooring for an identical connection between your Moduleo® floor and skirting.

Forget about glue or adhesives, our floor strips have a self-adhesive backing for effortless installation.



The identical connection for your Moduleo® floor 



Water-resistant



Wear-resistant



Easy installation without damage risk, ideal for renters



Paintable skirting boards

Just like our standard skirting, Xtrafloor® paintable skirting boards are low-maintenance and wear-resistant, and offer the best way to hide cables and wires. Unlike other paintable skirting boards, they are also water-resistant.

Our unique paintable skirting boards are pre-primed and come in two heights: 6 or (adjustable) 10cm.



Unique water-resistant material



Colour coordinate your pre-primed skirting boards & walls



Use our renovation skirting on top of existing skirting boards

Multifunctional profile



To connect your Moduleo® floor with higher or lower-lying surfaces. For height differences up to 12mm.

Adaptor profile



Smooth and smart transitions
To connect your Moduleo® Click floor with lower-lying surfaces.

T-profile



Cover the expansion gap between 2 adjacent floors at the same level.

End profile



For a strong finish between your Moduleo® Click floor and wall, elevated door threshold, window or closet.

Stair nosing Inner corner



A smooth transition from floor to stairs. For Click and Dryback

Stair nosing Outer corner



Hassle-free installation

Xtrafloor® Base Total solution for residential purposes



Total solution for residential purposes



Smooths out subfloor irregularities
(5mm in width, 2mm in height)



Improved sound insulation
($\Delta L_w = 13$ dB with 4,5mm Moduleo® Click)



Lightly tackified surface & dust-capturing protective foil for easy installation

Xtrafloor® Silent Certified sound insulation (certified $\Delta L_w = 21$ dB)



Superior sound insulation
($\Delta L_w = 21$ dB and $\Delta L_{in} = 10$ dB with 4,5mm Moduleo® Click)



Non-skid coating for quick & easy installation

Xtrafloor® Flex Pro Total solution underlay with self-adhesive side



Time- & cost-saving: without adhesives and immediately walkable



Easy & clean (un) installation without damaging the subfloor



Suitable for castor chair use



Suitable for commercial environments
(rolling loads up to 250 kg)



Improved sound insulation
($\Delta L_w = 13$ dB with 4,5mm Moduleo® Click
 $\Delta L_w = 10$ dB with 2,5mm Moduleo® Dryback)



Suitable for conservatories



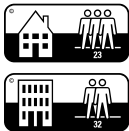
Smooths out subfloor irregularities
(5mm in width, 2mm in height)

Visit
moduleo.com
for our
total offer



Technical information

MODULEO® SELECT DRYBACK



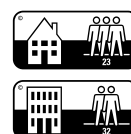
PRODUCT INFORMATION		
Level of use	EN ISO 10874	23 - 32
Total thickness	EN ISO 24346	2.35mm (93mils)
Wear layer	EN ISO 24340	0.4mm (16mils)
Wear layer PUR treatment		Protectonite®
Total weight g/m²	EN ISO 23997	3821

SIZE & PACKING		
Planks	EN ISO 24342	196 x 1320mm (7.72" x 51.97")
Tiles	EN ISO 24342	329 x 659mm (12.95" x 25.94")
Box Planks	15 pieces/box	3.88m²/box (41.98ft²/box)
Box Tiles	18 pieces/box	3.9m²/box (42.01ft²/box)

TEST RESULTS		
Inflammability	EN 13501	B _f -S1
Scratch resistance	EN ISO 660-2	Class T
Squareness & straightness	EN ISO 24342	≤ 0.35mm
Slip resistance	EN 13893	DS
Slip restraint	DIN 51130	R10
Residual indentation	EN ISO 24343-1	Norm: ≤ 0.10mm - Average measured result: 0.03mm
Furniture leg resistance	EN ISO 16581	No cracks, no damage
Curling	EN ISO 23999	≤ 2mm
Electrical resistance	EN 1081	≤ 10 ⁹ Ohm
Dimensional stability	EN ISO 23999	Norm: ≤ 0.25% - Average measured result: ≤ 0.05%
Heat insulation	EN 12524	0.25w/(m.K)
Thermal resistance R	EN 12664	0.01m².K/W
Electrostatic performance	EN 1815	< 2kV
Formaldehyde group	EN 717-1	E1
Acoustic insulation	EN ISO 717-2	3dB
Acoustic insulation with Xtrafloor® Flex Pro underlay	EN ISO 717-2	10dB
Castor chair resistance	EN ISO 4918	No damage to wear layer, no delamination
Stain resistance	EN ISO 26987	Very good
Light fastness	EN ISO 105-B02	≥ 6
Underfloor heating	EN 12524	Suitable, max. 27°C
Warranty		15-year Residential 7-year Commercial

The warranty covers manufacturing defects and premature wear and tear during normal use.

MODULEO® SELECT CLICK



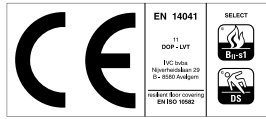
PRODUCT INFORMATION		
Level of use	EN ISO 10874	23 - 32
Total thickness	EN ISO 24346	4.5mm (180mils)
Wear layer	EN ISO 24340	0.4mm (16mils)
Wear layer PUR treatment		Protectonite®
Total weight g/m ²	EN ISO 23997	7764

SIZE & PACKING		
Planks	EN ISO 24342	191 x 1316mm (7.52" x 51.81")
Tiles	EN ISO 24342	324 x 655mm (12.76" x 25.79")
Box Planks	7 pieces/box	1.76m ² /box (18.94ft ² /box)
Box Tiles	7 pieces/box	1.49m ² /box (15.99ft ² /box)

TEST RESULTS		
Inflammability	EN 13501	B _{fl} -S1
Scratch resistance	EN ISO 660-2	Class T
Squareness & straightness	EN ISO 24342	≤ 0.35mm
Slip resistance	EN 13893	DS
Slip restraint	DIN 51130	R10
Residual indentation	EN ISO 24343-1	Norm: ≤ 0.10mm - Average measured result: 0.03mm
Furniture leg resistance	EN ISO 16581	No cracks, no damage
Curling	EN ISO 23999	≤ 2mm
Electrical resistance	EN 1081	≤ 10 ⁹ Ohm
Dimensional stability	EN ISO 23999	Norm: ≤ 0.25% - Average measured result: ≤ 0.05%
Heat insulation	EN 12524	0.25w/(m.K)
Thermal resistance R	EN 12664	0.01m ² .K/W
Electrostatic performance	EN 1815	< 2kV
Formaldehyde group	EN 717-1	E1
Acoustic insulation	EN ISO 717-2	4dB
Acoustic insulation with Xtrafloor® Base underlay	EN ISO 717-2	13dB
Acoustic insulation with Xtrafloor® Flex Pro underlay	EN ISO 717-2	13dB
Acoustic insulation with Xtrafloor® Silent underlay	EN ISO 717-2	21dB
Castor chair resistance	EN ISO 4918	No damage to wear layer, no delamination
Stain resistance	EN ISO 26987	Very good
Light fastness	EN ISO 105-B02	≥ 6
Underfloor heating	EN 12524	Suitable, max. 27°C
Warranty		15-year Residential 7-year Commercial

The warranty covers manufacturing defects and premature wear and tear during normal use.







a division of **ivo**group

Belgium

Nijverheidslaan 29
B-8580 Avelgem
Tel: +32 56 65 32 11
www.moduleo.com

United Kingdom

23 Royal Scot Road
Pride Park
Derby DE24 8AJ
Tel: +44 1332 8515 00
www.moduleo.co.uk

Germany

Reisholzer Werfstrasse 33
40589 Düsseldorf
Tel: +49 211 598 930 00
www.moduleo.de



Russia

Visitor address:
Leningrad Oblast
Vsevolozhsky district,
Novosaratovka village
Utkina Zavod industrial park
MLP-KAD, building 3,
quays 13-15
Tel: +7(812) 7777 981

Postal address:
193149,
Saint Petersburg,
Oktyabrskaya embankment,
118/7
PO Box 29