

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

Design Center & Office

KD Center, 355, Hyoryeong-ro,
Seocho-gu, Seoul, 06643 Korea
Tel +82-2-520-7600
Fax +82-2-598-9674

NOX Corp. | KOREA

Shinho Factory
Shinho 2nd Factory, Yedang
Enbo Factory
Godeok Factory
Bongsan Factory
Deoksan Factory
Choongnam, Korea

NOX US | USA

NOX US
P.O.Box 824
931 S. Springville Avenue
Fostoria, OH 44830
Office +01-419-701-5060
Fax +01-419-701-5058

www.noxglobal.com
info@noxglobal.com

 **NOX Corp.**

Please visit www.noxglobal.com for the detailed installation,
maintenance guides and technical information.



No Stick, No Click, Just Lay



No Stick, No Click, Just Lay

Proven loose-lay system installed in global market mainly for heavy commercial installation with its unique structure of unparalleled dimensional stability, diverse designs, and size options

ECOLAY 
EASIEST & STRONGEST GLUELESS LVT

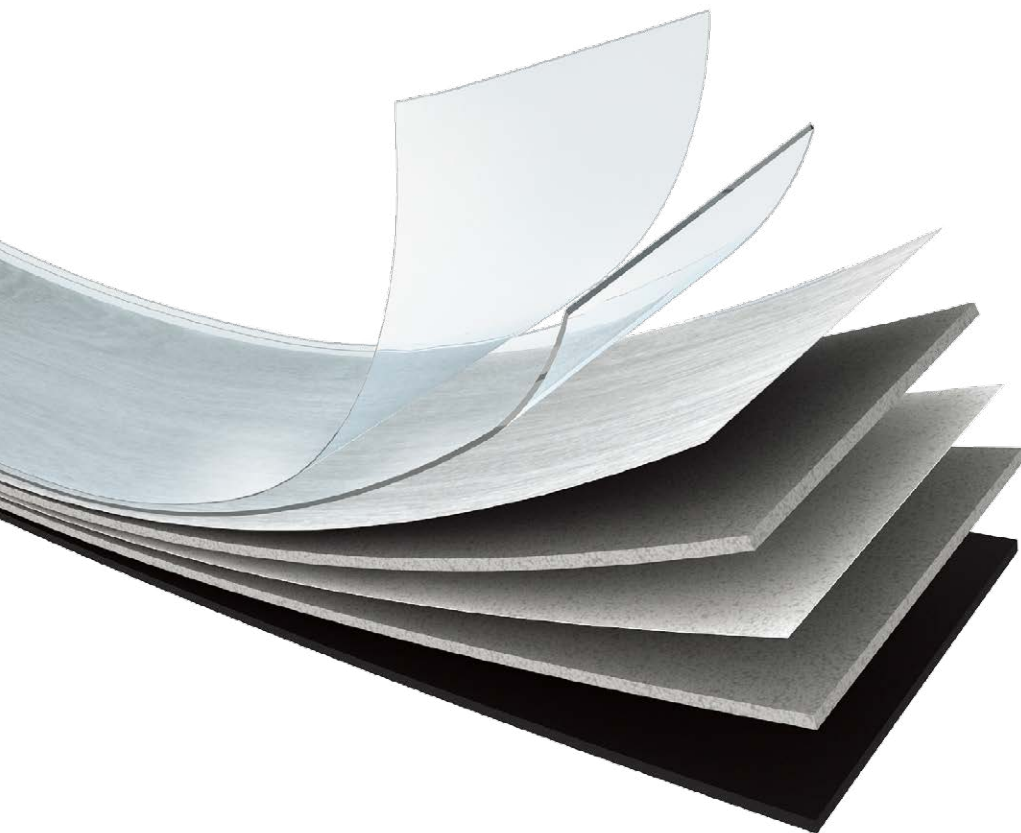


With NOX EPT™ Shield & EMT™ Core Technologies

NOX Corporation, one of the world-largest LVT manufacturers, traces its roots to chemical engineering with expertise in core components of LVT flooring for more than 50 years. Its NOX EPT™ shield & EMT™ core technologies are the foundation of ECOLAY⁺ innovation, providing the most stable and eco-friendly products.

Proven Innovation of ECOLAY⁺ since 2003

Distinguished NOX EMT™ core structure ensures the unparalleled dimensional stability and extra sound absorption of ECOLAY⁺.



EPT™ shield



- Safe and strong 2-fold LVT surface shield technology
- PU or Ceramic PU coating treatment [Anti-Bacterial] without using Nano-silver [controversial to be harmful for human health]
- Clear design protection layer

EMT™ core - 6L



- Stable and eco-friendly LVT core technology
- 6-layered EMT™ core structure for long-term dimensional stability

Advantages of ECOLAY⁺



Most diverse sizes

- 3 plank sizes including grande plank size
- 2 tile sizes including grande tile size



Superior dimensional stability with

- NOX EPT™ shield & EMT™ core technologies
- Fiberglass stabilization layer



Easy to install, replace, and remove



Silent and soft floor



Certified low VOCs and non-phthalate technology



100% recyclable



Ultra water-resistant



Suitable for heated floor



Easier maintenance than traditional laminated wood and natural stone flooring



HD design

Rustic Edge

The first in LVT, 'Rustic Edge' technology of NOX

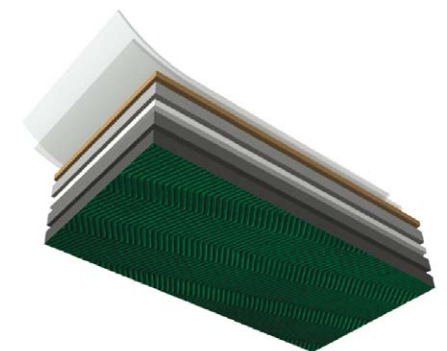
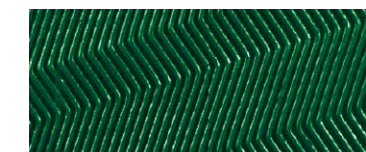
Get the natural, timeworn look of rustic wood flooring, in a range of on-trend colors and styles.

ECOLAY⁺ can be supplied with 'Rustic Edge' type according to your request. Only available for 177.8 x 1,219.2 mm (7 x 48 inch)



Non-skid Backing of ECOLAY⁺

ECOLAY⁺ can be supplied with non-skid backing type according to your request.



ECOLAY+ Plank

Grande size of wood plank with rich and versatile look

Dimension
180 X 1,201 mm / 235 X 1,505 mm

Total Thickness
5mm



Plank

Dimension
180 X 1,201 mm



Restaurant | Mountain NLP-43111

Mountain | Brown

Embossed-In-Register | NLP-43111



Washy Oak | Brown

Embossed-In-Register | NLP-400A11



Elegant Oak | Blond

NLP-5511



Heritage Oak | Brown

NLP-6902



Mountain | Chocolate

Embossed-In-Register | NLP-43101



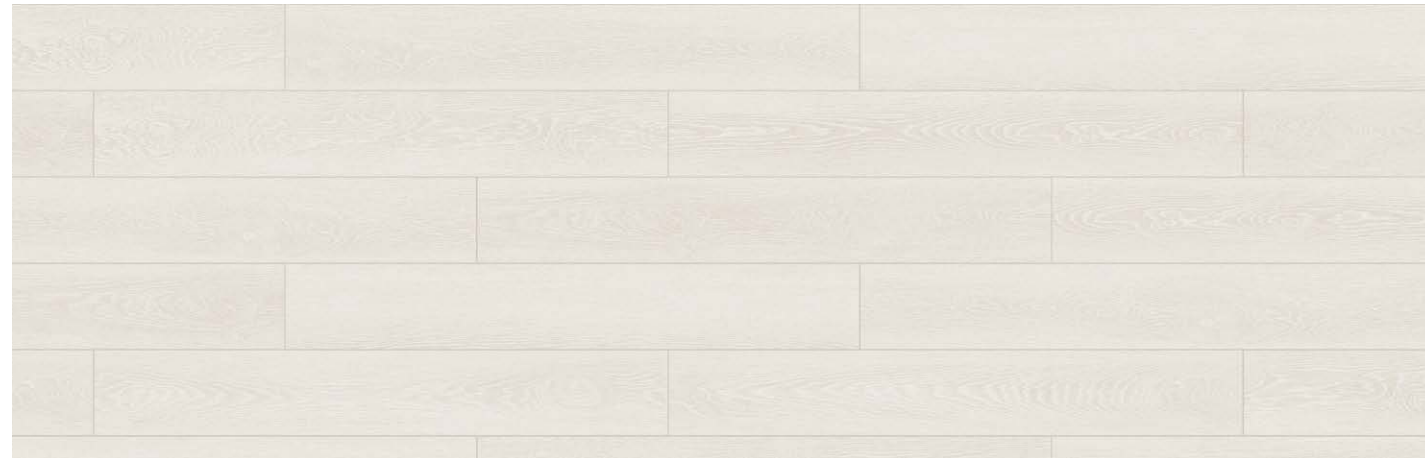
Plank

Dimension

180 X 1,201 mm

Washy Oak | White

NLP-40003



Washy Oak | Brown Grey

Embossed-In-Register | NLP-400A6



Washy Oak | Light Brown

Embossed-In-Register | NLP-400A3



Restaurant | Washy Oak | NLP-400A6

Plank

Dimension
180 X 1,201 mm

Heritage Oak | Grey

NLP-6901



Elegant Oak | Grey

NLP-5510



Washy Oak | Dark Grey

NLP-40008



Hospitality | Washy Oak | NLP-40008

Grande Plank

Dimension
235 X 1,505 mm



Residential | Santana Oak NLG-6220

Everest Oak | Golden

NLG-45506



Santana Oak | Grey

NLG-6220



Santana Oak | Brown

NLG-6221



Everest Oak | Light

NLG-45505



Everest Oak | Dark

NLG-45502



ECOLAY+ Tile

Unique size options of concrete and stone tile bringing a sense of elegance

Dimension
600 X 600 mm / 914.4 X 914.4 mm (36 X 36 inch)

Total Thickness
5mm



Tile

Dimension
600 X 600 mm



Restaurant | Ornamental NLI-40901

Ornamental | Grey

NLI-40901



Ornamental | Dark Grey

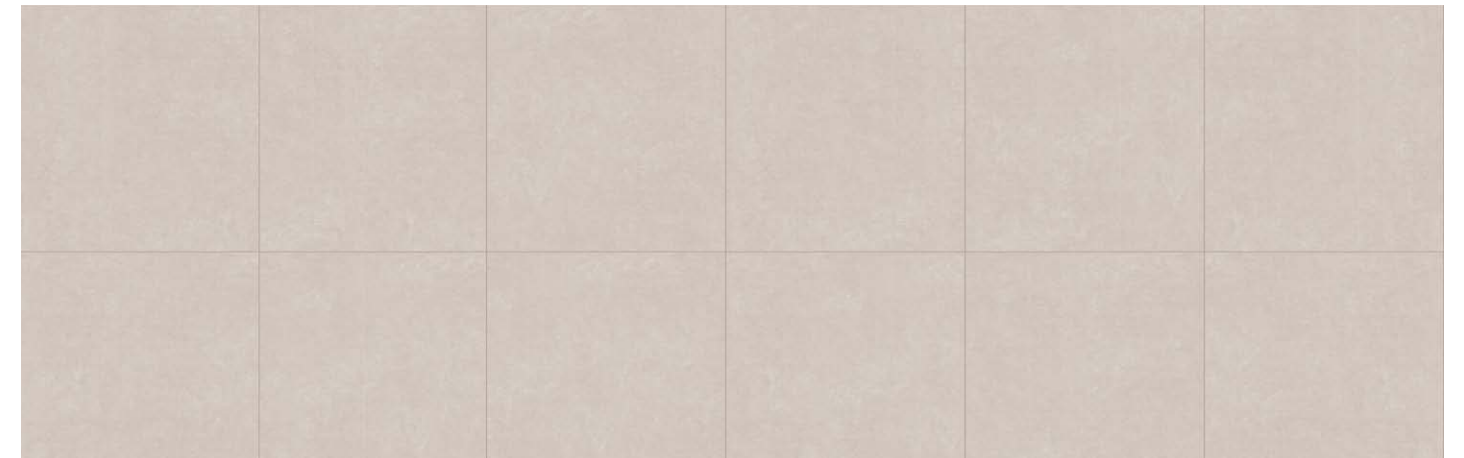
NLI-40902



Hospitality | Canvas NLI-2130

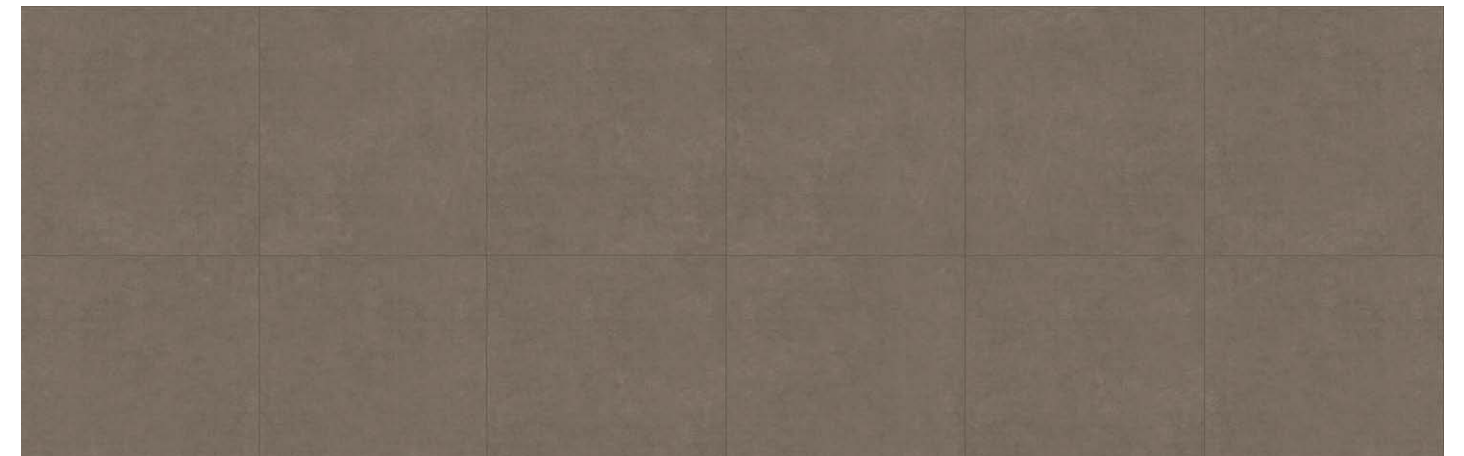
Canvas | Beige

NLI-27814



Canvas | Grey

NLI-2130



Grande Tile

Dimension
914.4 X 914.4 mm (36 X 36 inch)



Fresco | Beige

NLI-2301



Fresco | Grey

NLI-2302



Urban Concrete | Light Grey

NLI-1010



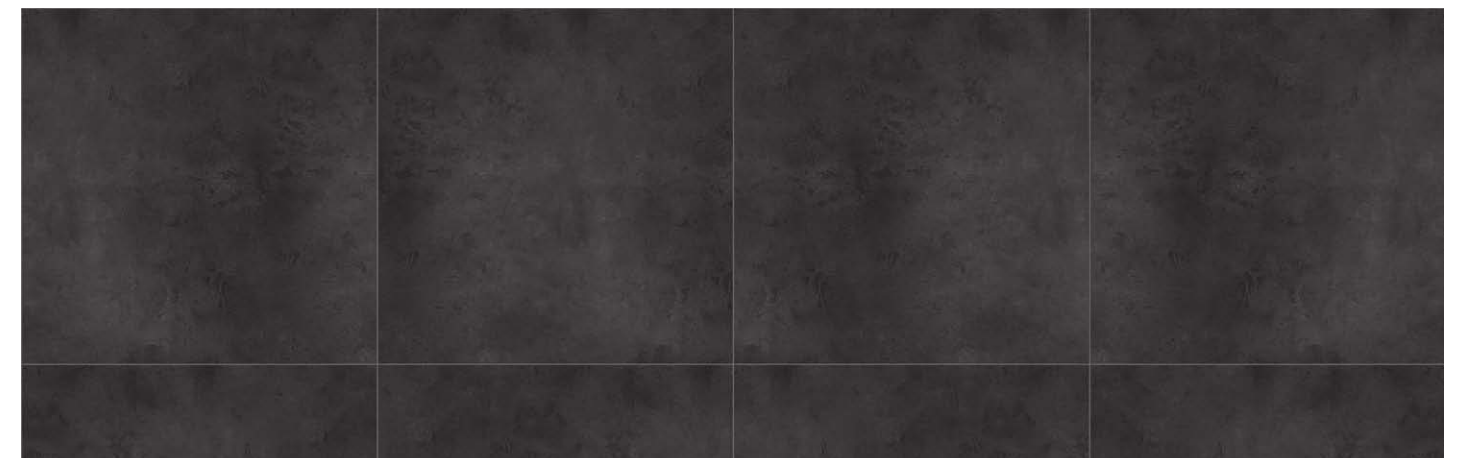
Urban Concrete | Dark Grey

NLI-1011



Urban Concrete | Black

NLI-14325



ECOLOCK+ Grande Puzzle Tile

Grande puzzle tile giving a balance between impact and practicality

Dimension
914.4 X 914.4 mm (36 X 36 inch)

Total Thickness
5mm

Sports Center | Puzzle NKI-29701

Proven Innovation of ECOLOCK+

Distinguished 'NOX EMT™ core structure ensures the unparalleled dimensional stability and extra sound absorption of ECOLOCK+.

EPT™ shield

- Safe and strong 2-fold LVT surface shield technology
- PU or Ceramic PU coating treatment [Anti-Bacterial] without using Nano-silver [controversial to be harmful for human health]
- Clear design protection layer



EMT™ core - 6L

- Stable and eco-friendly LVT core technology
- 6-layered EMT™ core structure for long-term dimensional stability



Advantages of ECOLOCK+



Inter-locking system for easy installation and unique design



100% recyclable



Superior dimensional stability with
- NOX EPT™ shield & EMT™ core technologies
- Fiberglass stabilization layer



Ultra water-resistant



Easy to install, replace, and remove



Suitable for heated floor



Silent and soft floor



Easier maintenance than traditional laminated wood and natural stone flooring



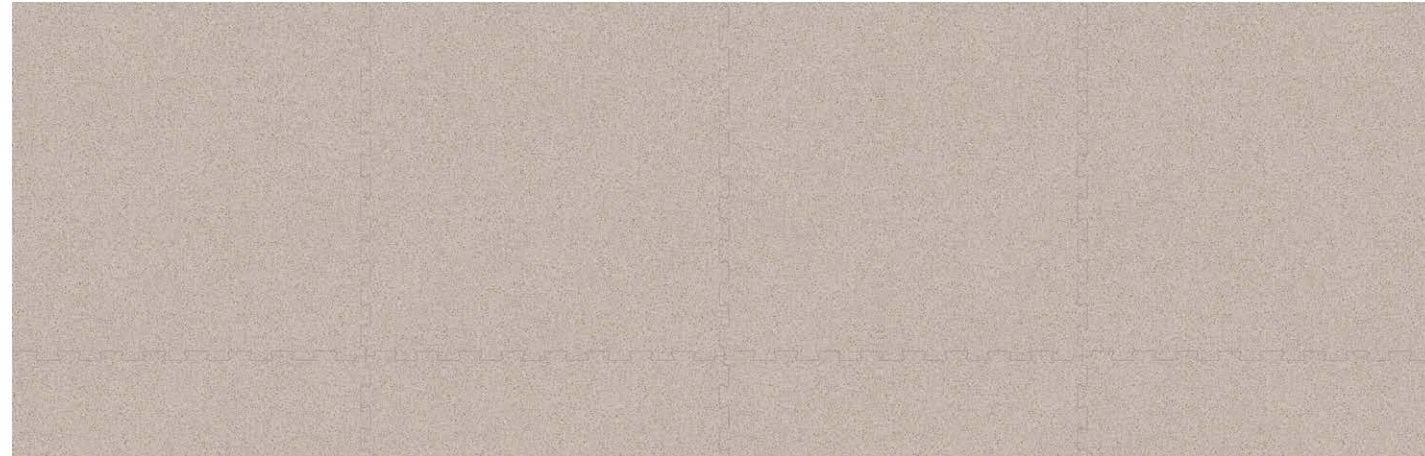
Certified low VOCs and non-phthalate technology

Dimension

914.4 X 914.4 mm (36 X 36 inch)

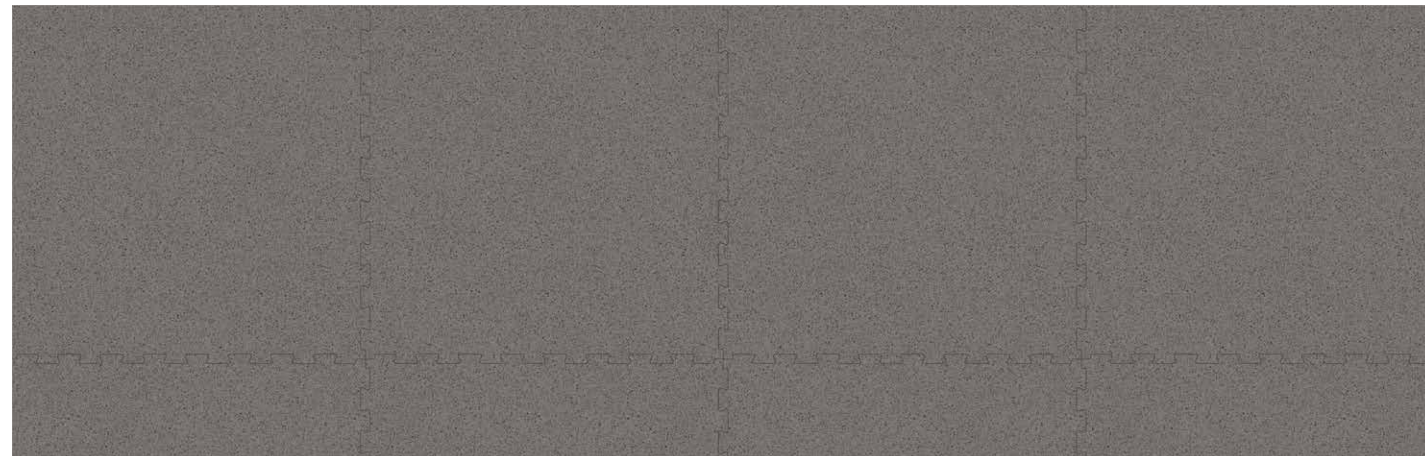
Puzzle | Sand Grey

NKI-29706



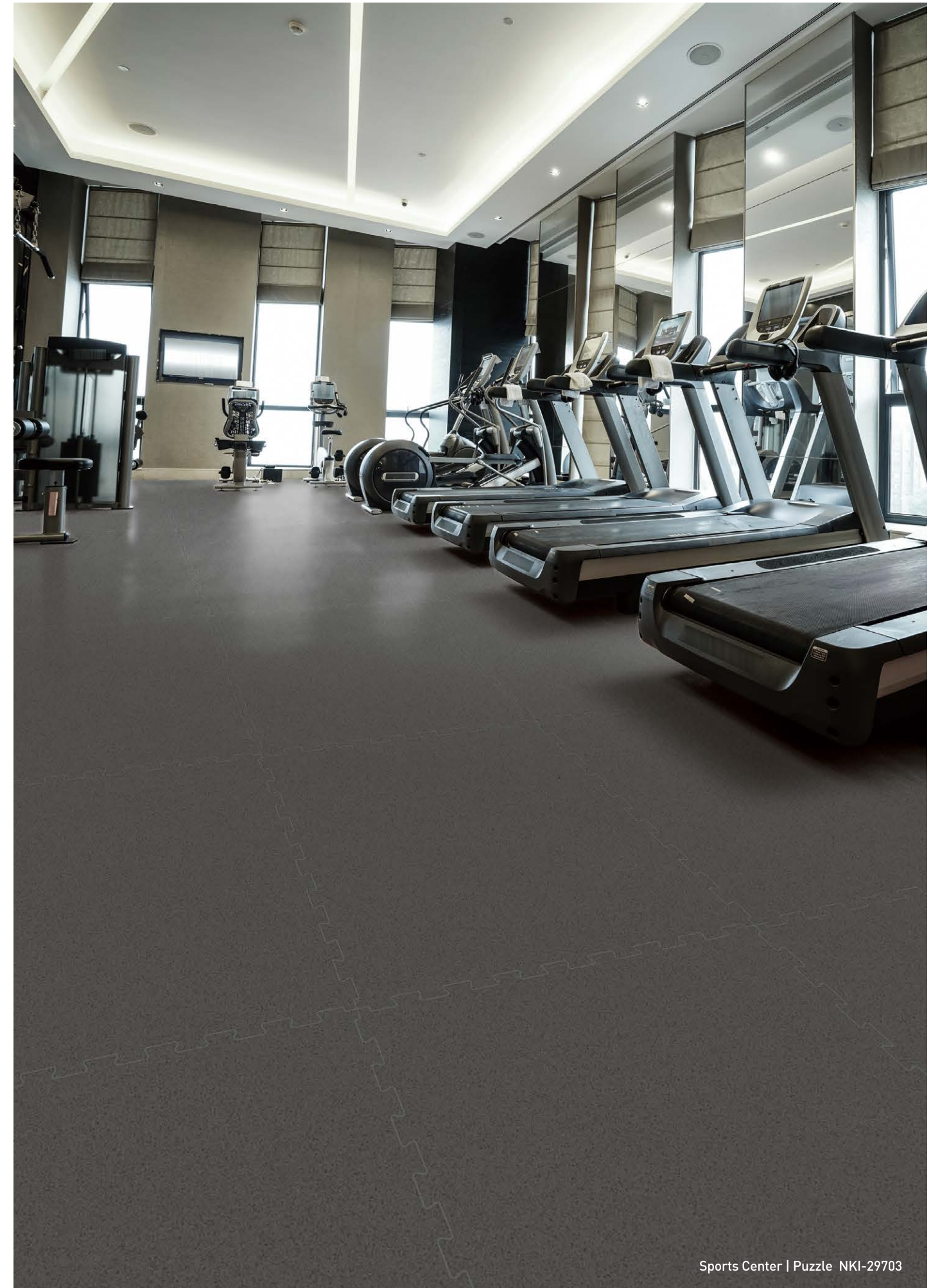
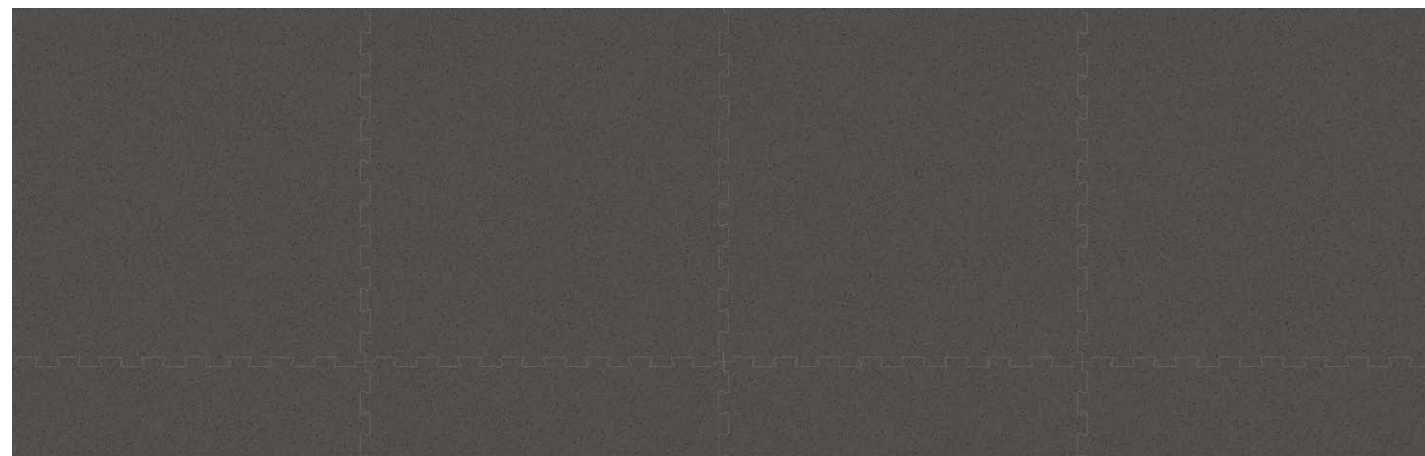
Puzzle | Dark Grey

NKI-29701



Puzzle | Black

NKI-29703

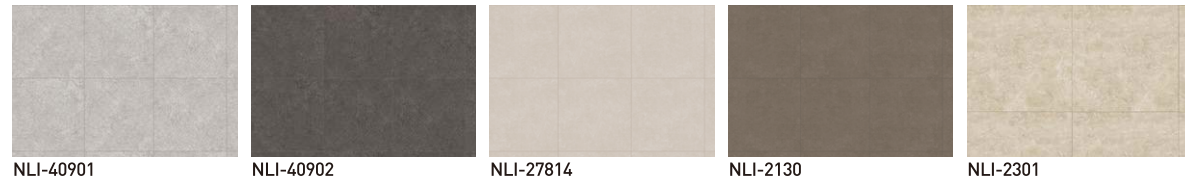


Sports Center | Puzzle NKI-29703

ECOLAY+ Plank



Tile

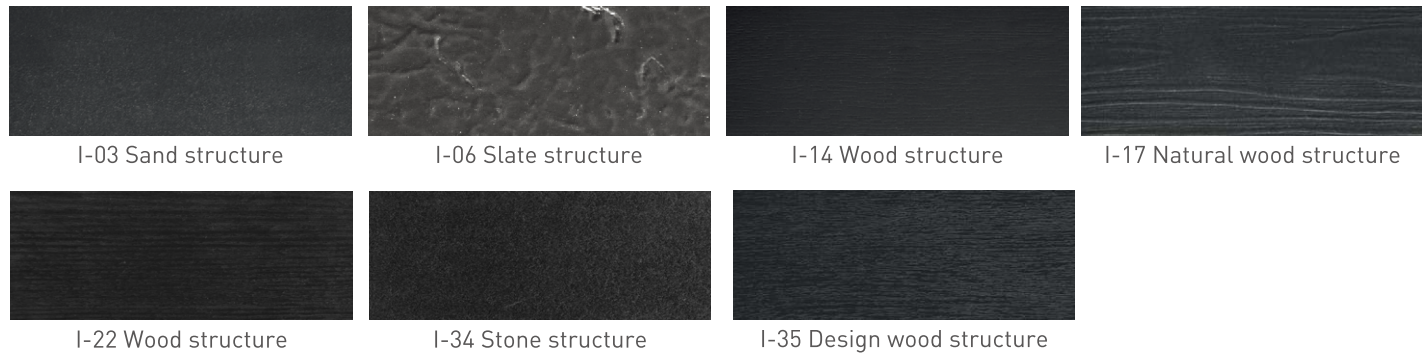


ECOLOCK+



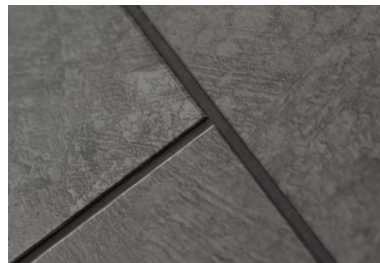
Surface Embossing

ECOLAY+ with 7 different surface embossing textures including natural Embossed-In-Register



The First in LVT, "Built-In-Grout" Available

When installed, the natural grout line will appear, allowing for the natural elegance of stone and ceramic tiles to shine. ECOLAY+ can be supplied in grout type according to your request.



Technical Information

Installation Guidelines

- Prior to installation, the subfloor must be heated for 14days if heating is available, and if not, allow sufficient time to dry out completely.
- Room temperature must be maintained at 18°C or higher before and during installation.
- The flooring must be allowed to acclimate in the room to be installed for a minimum of 24 hours and be stacked flat on the floor to avoid bending the floor.
- Prior to installation, please ensure that both color and lot# are the same.
- When installing ECOLAY+, be sure to keep dust, dirt or foreign particles away from the locking strip.

Maintenance

- Regularly sweep floor to remove sand and grit that can scratch floor.
- For best results, use only water with a mop. Avoid flooding the floor with too much water.
- For heavily soiled areas, use a neutral ph balanced floor cleaner.
- Use caution when lifting boxes.
- Promptly remove any standing water to avoid slippage.
- Keep ECOLAY+ on the flat surface to keep it from warping

Size & Packing

Brand	Thickness [mm]	Wear layer	Size [mm]	Pcs/Box	Sqm/Box
ECOLAY+	5	0.30mm / 0.55mm	180 X 1,201	10	2.16
			235 X 1,505	6	2.12
			600 X 600	6	2.16
			914.4 X 914.4 [36" X 36"]	3	2.51
			914.4 X 914.4 [36" X 36"] [with Non-Skid backing]	4	3.34
			177.8 X 1,219.2 [7" X 48"]	10	2.17

Test Result

Product Specification	Standard	ECOLAY+
Surface treatment (NOX EPT™ Shield)	ISO 22196 ASTM G21-15	Anti-Bacterial Anti-Fungi
Level of Use	ISO 10874	0.30mm : 23, 31 0.55mm : 23, 33, 42
Total thickness	ISO 24346	+0.13mm / -0.10mm
Wearlayer Thickness	ISO 24340	+13% / -10%
Weight (g/m²)	ISO 23997	+13% / -10%
Dimensional stability & Curling after exposure to heat	ISO 23999	≤0.10% ≤1.0mm
Abrasion group	EN 660-2	Class T
Castor Chair resistance	ISO 4918	No damage
Squareness & Straightness	ISO 24342	≤400mm : ≤0.25mm >400mm : ≤0.35mm
	ASTM F2055	≤0.01in
Residual indentation	ISO 24343-1	≤0.1mm
Static Load Limit	ASTM F970	≤0.005in @ 250psi min
Light Fastness	ISO 105-B02	≥6
Slip resistance	EN 13893	DS
	DIN 51130	R10
Impact Sound Reduction	EN ISO 10140-3	9 db
Resistance to Chemicals	ISO 26987	No defects
Thermal resistance	EN 12667	0.017 [m²K]/W
Fire resistance	EN 13501-1	Bfl-s1
Body Voltage	EN 1815	≤2kV
Peel resistance	ISO 24345	More than 60N/50mm
Formaldehyde Group	EN 717-1	E1
VOC emissions	IAC GOLD CERTIFIED FLOOR SCORE CERTIFIED	Very low VOC