

**ECOLAY+**  
EASIEST & STRONGEST GLUELESS LVT

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EASIEST & STRONGEST GLUELESS LVT

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Please visit [www.noxglobal.com](http://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

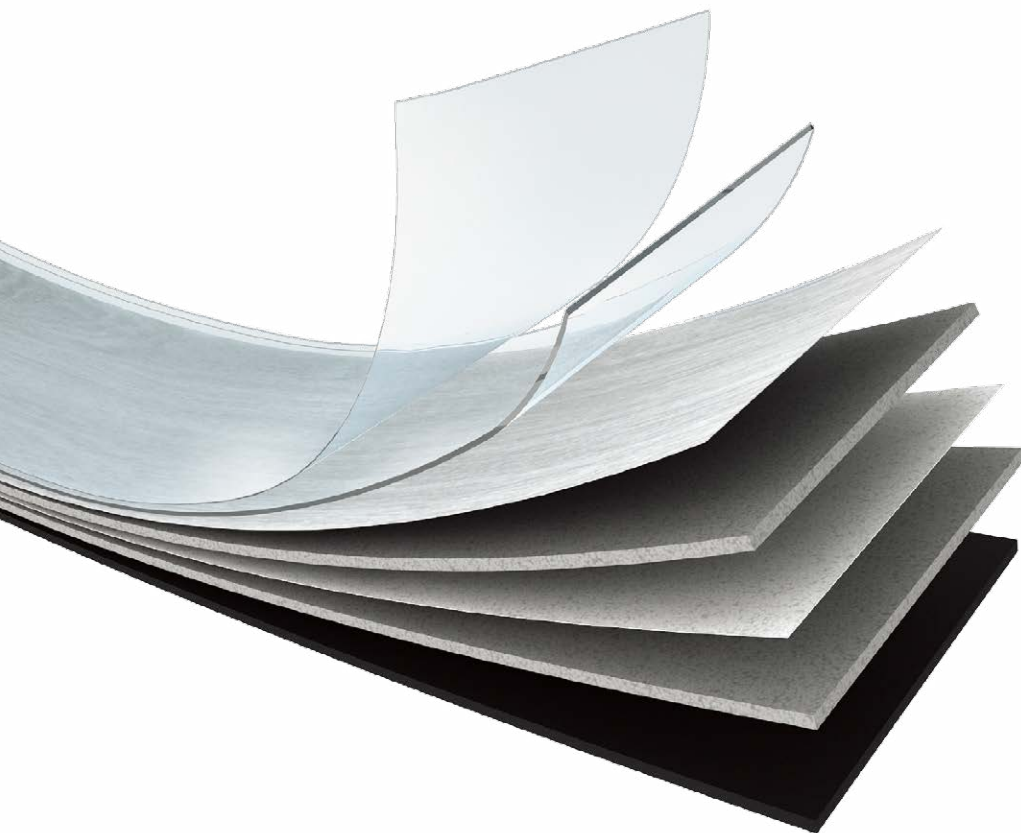


## With NOX EPT™ Shield & EMT™ Core Technologies

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<sup>+</sup> innovation, providing the most stable and eco-friendly products.

## Proven Innovation of ECOLAY<sup>+</sup> since 2003

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



### 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<sup>+</sup>



### 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



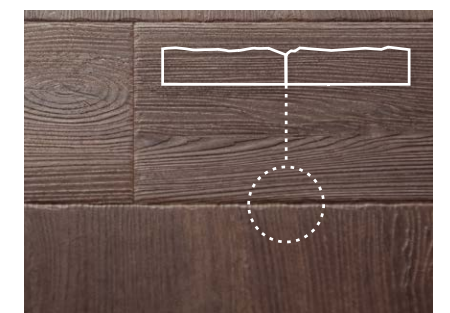
### HD design

## Rustic Edge

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

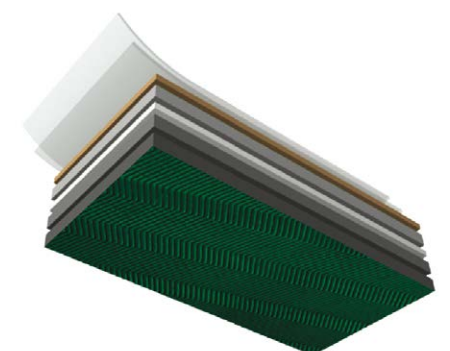
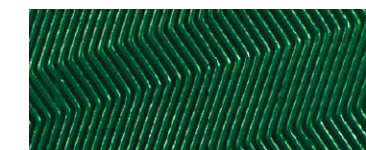
Get the natural, timeworn look of rustic wood flooring, in a range of on-trend colors and styles.

ECOLAY<sup>+</sup> 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<sup>+</sup>

ECOLAY<sup>+</sup> 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



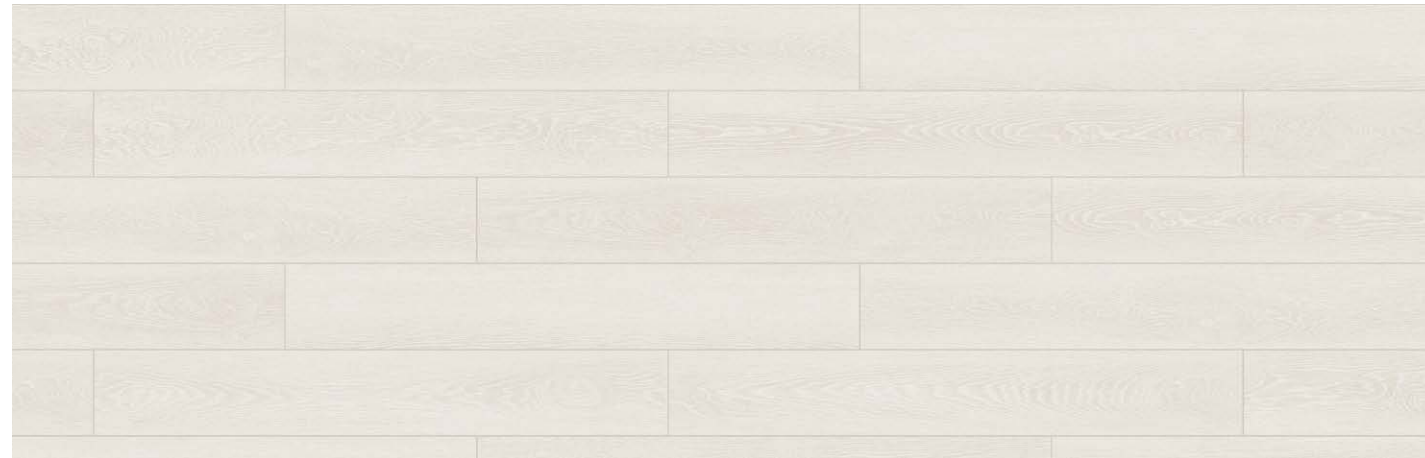
# Plank

## 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

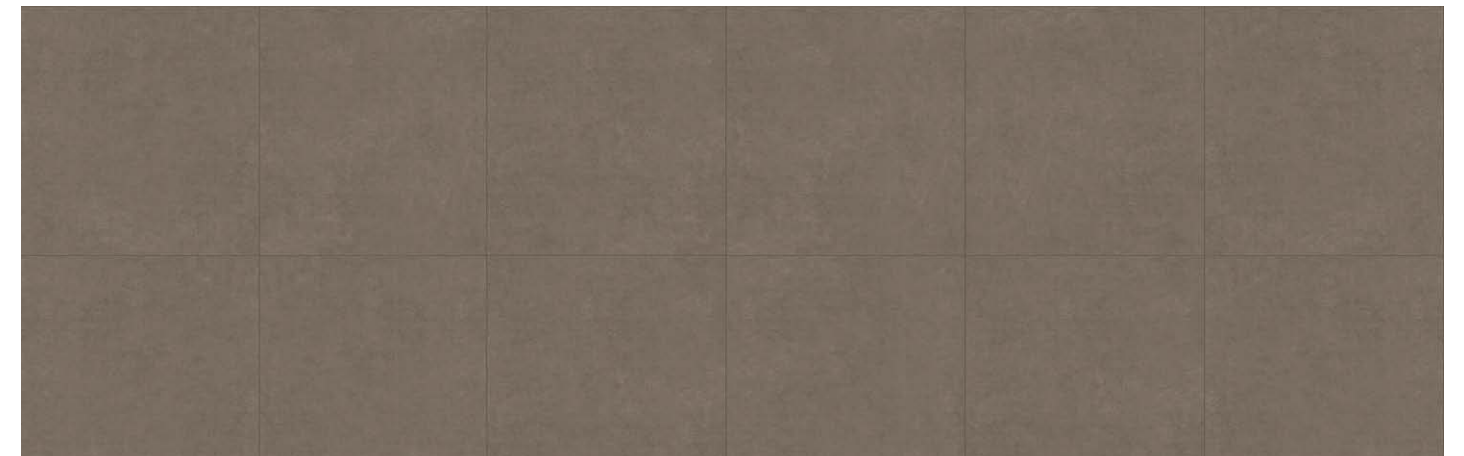
Canvas | Beige

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



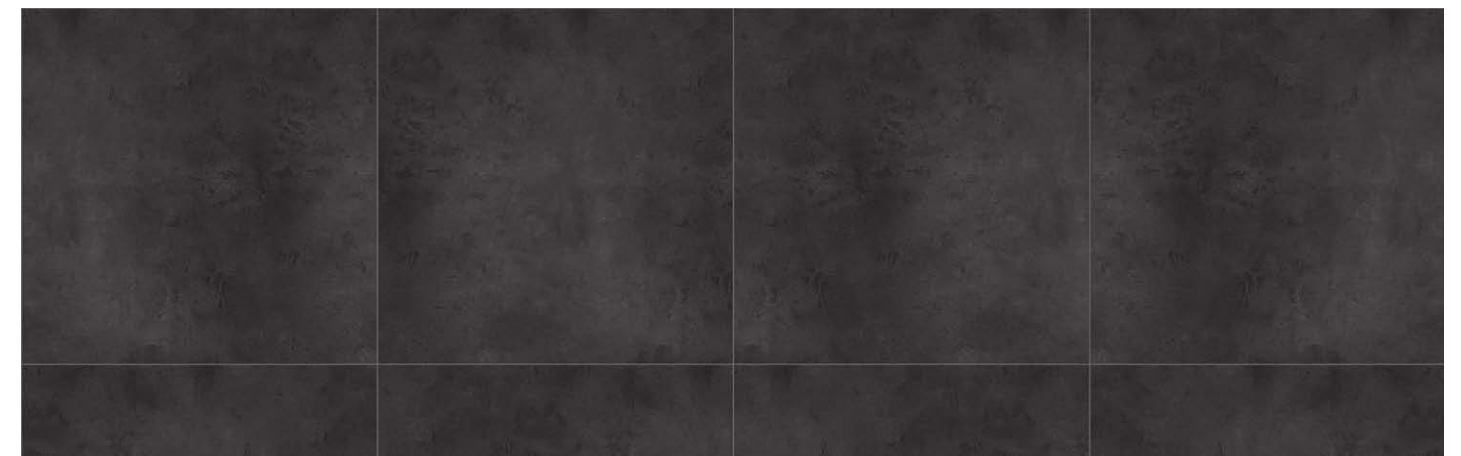
Urban Concrete | Dark Grey

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



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



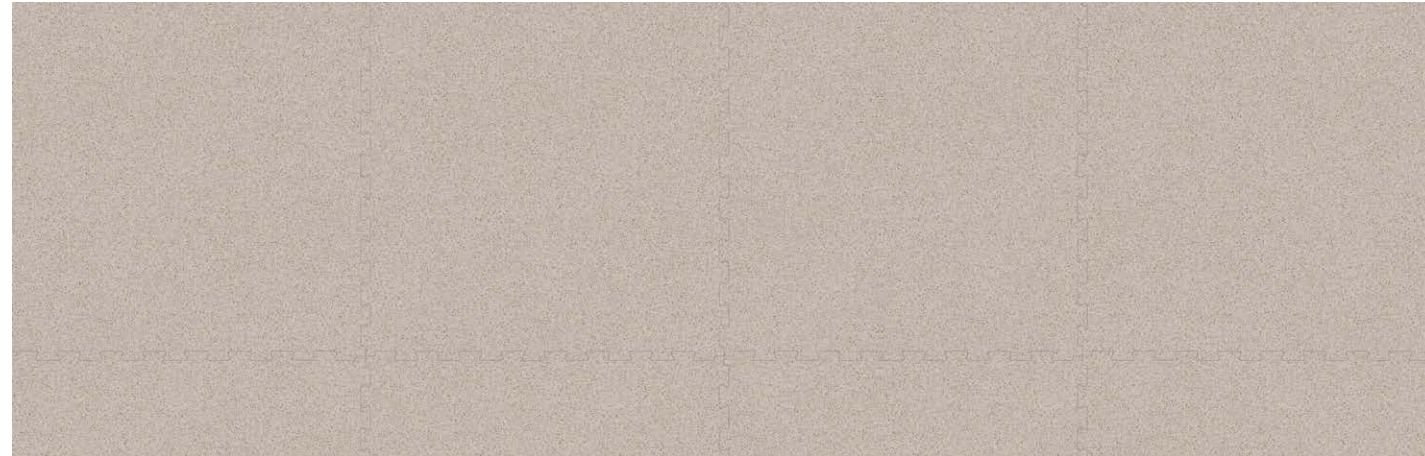
Easier maintenance than traditional laminated wood and natural stone flooring

## Dimension

914.4 X 914.4 mm (36 X 36 inch)

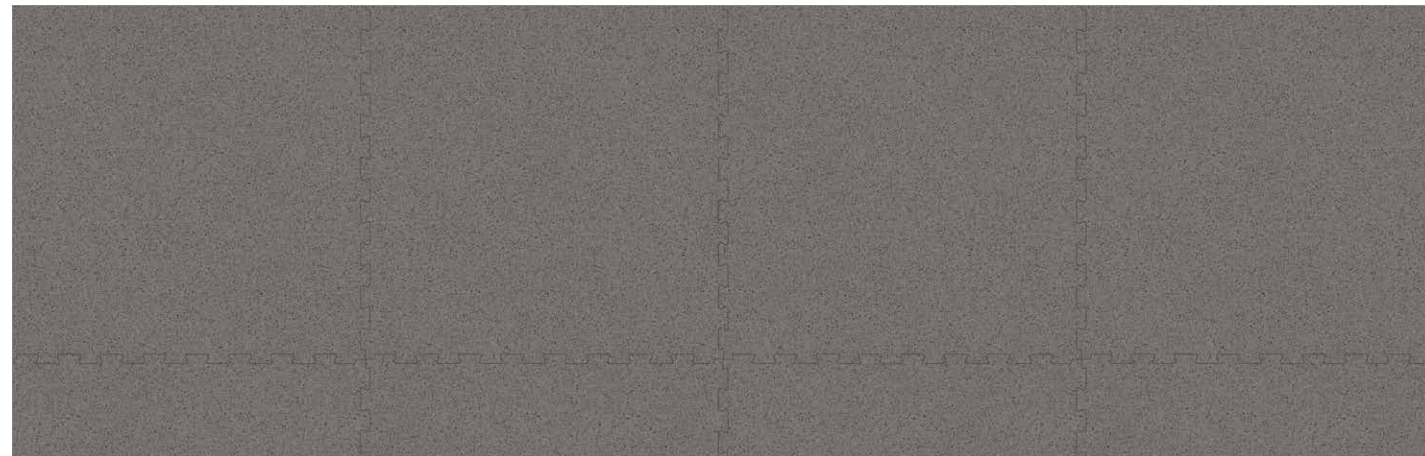
Puzzle | Sand Grey

NKI-29706



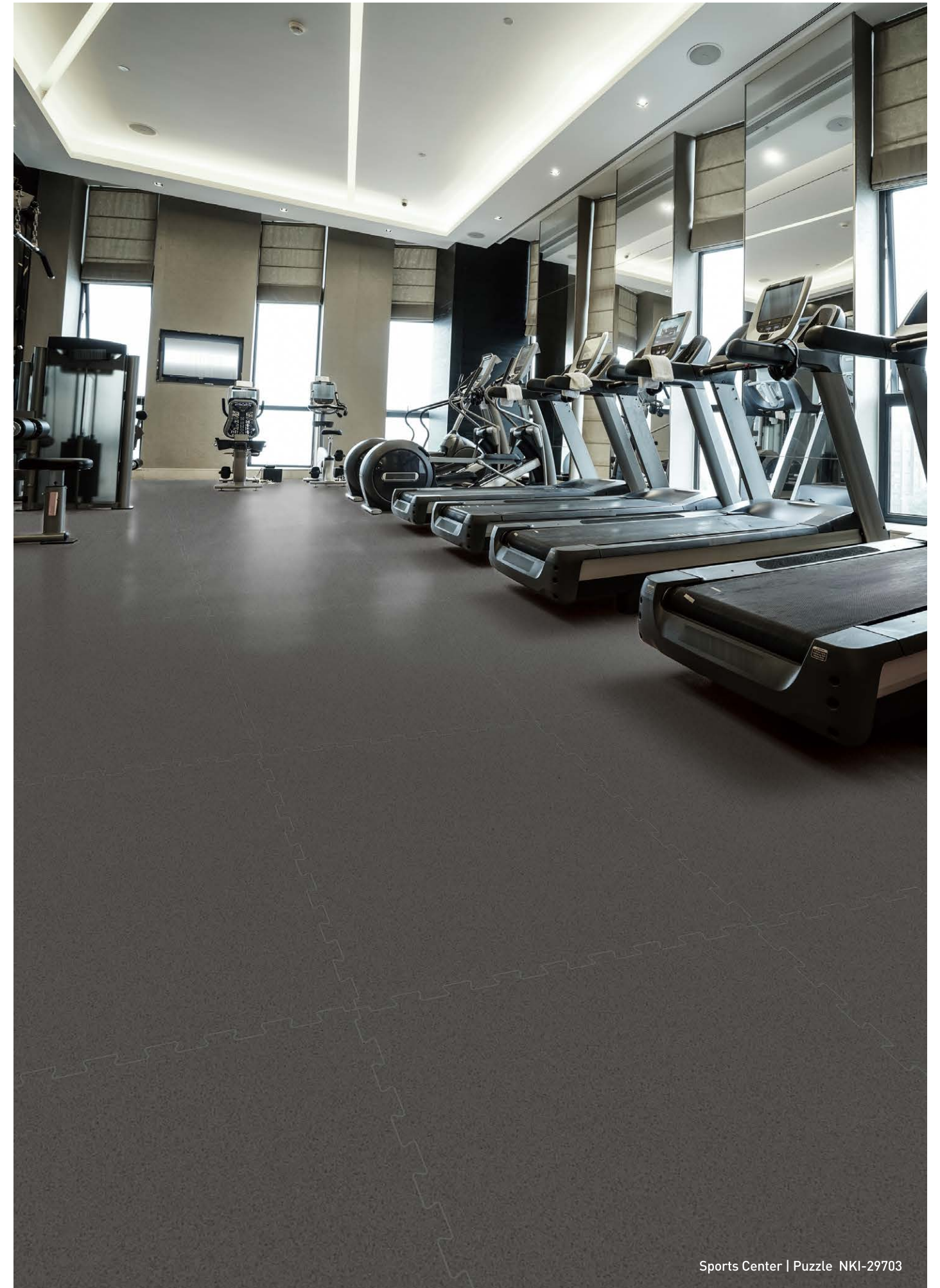
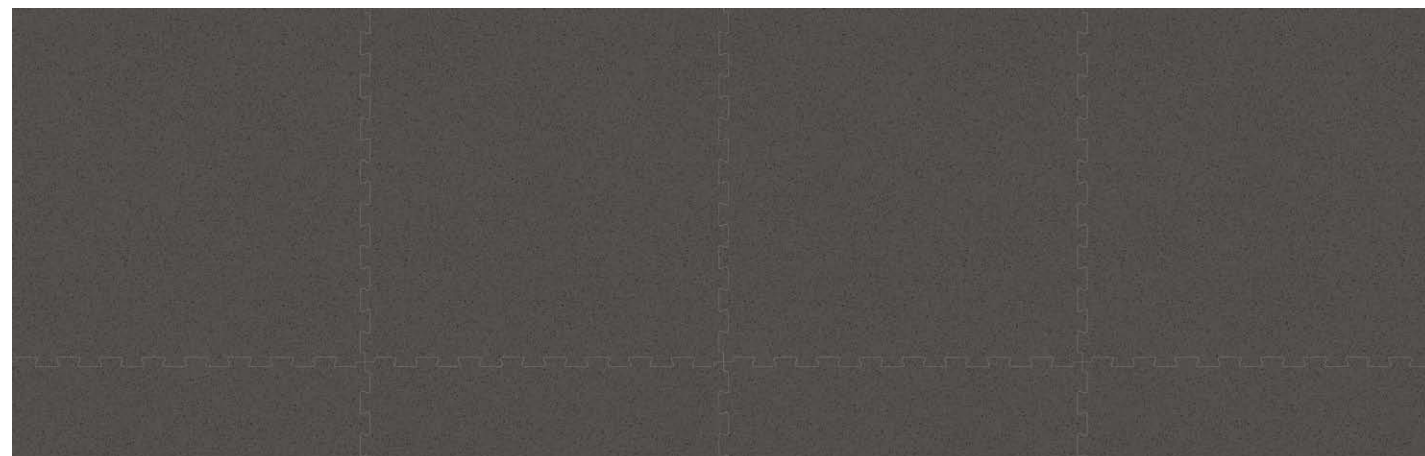
Puzzle | Dark Grey

NKI-29701



Puzzle | Black

NKI-29703

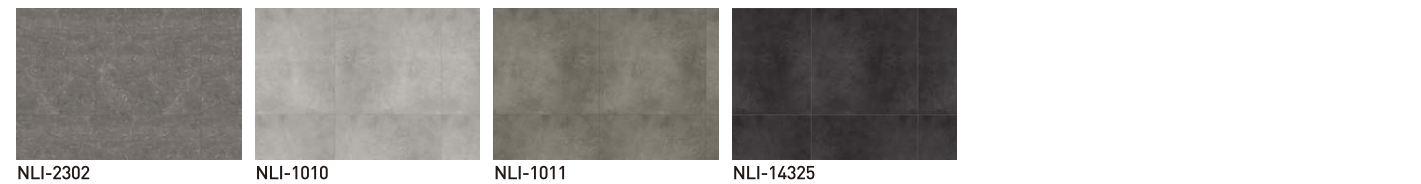


Sports Center | Puzzle NKI-29703

## ECOLAY+ Plank



## Tile

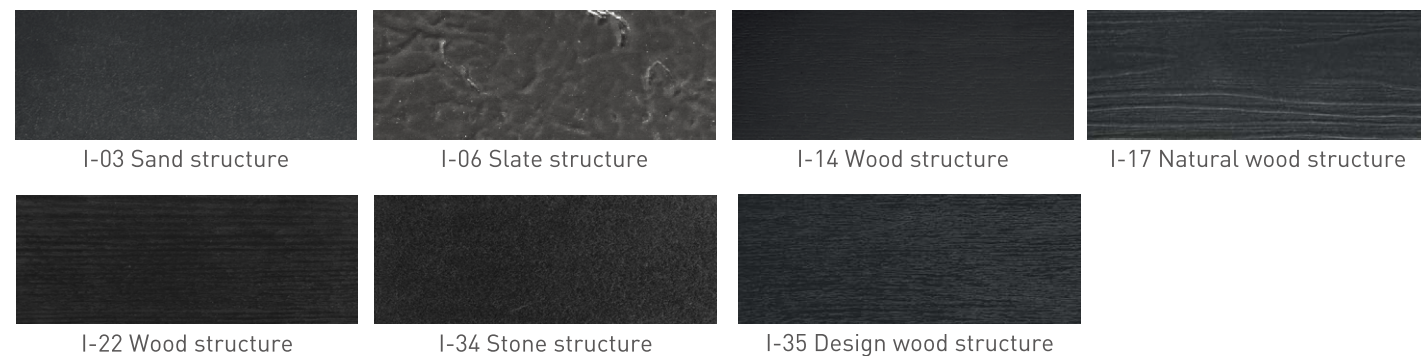


## ECOLOCK+



## 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

