ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

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NOX Corp.

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

No Stick, No Click, Just Lay

Retail Shop | Canvas NLI-27814

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
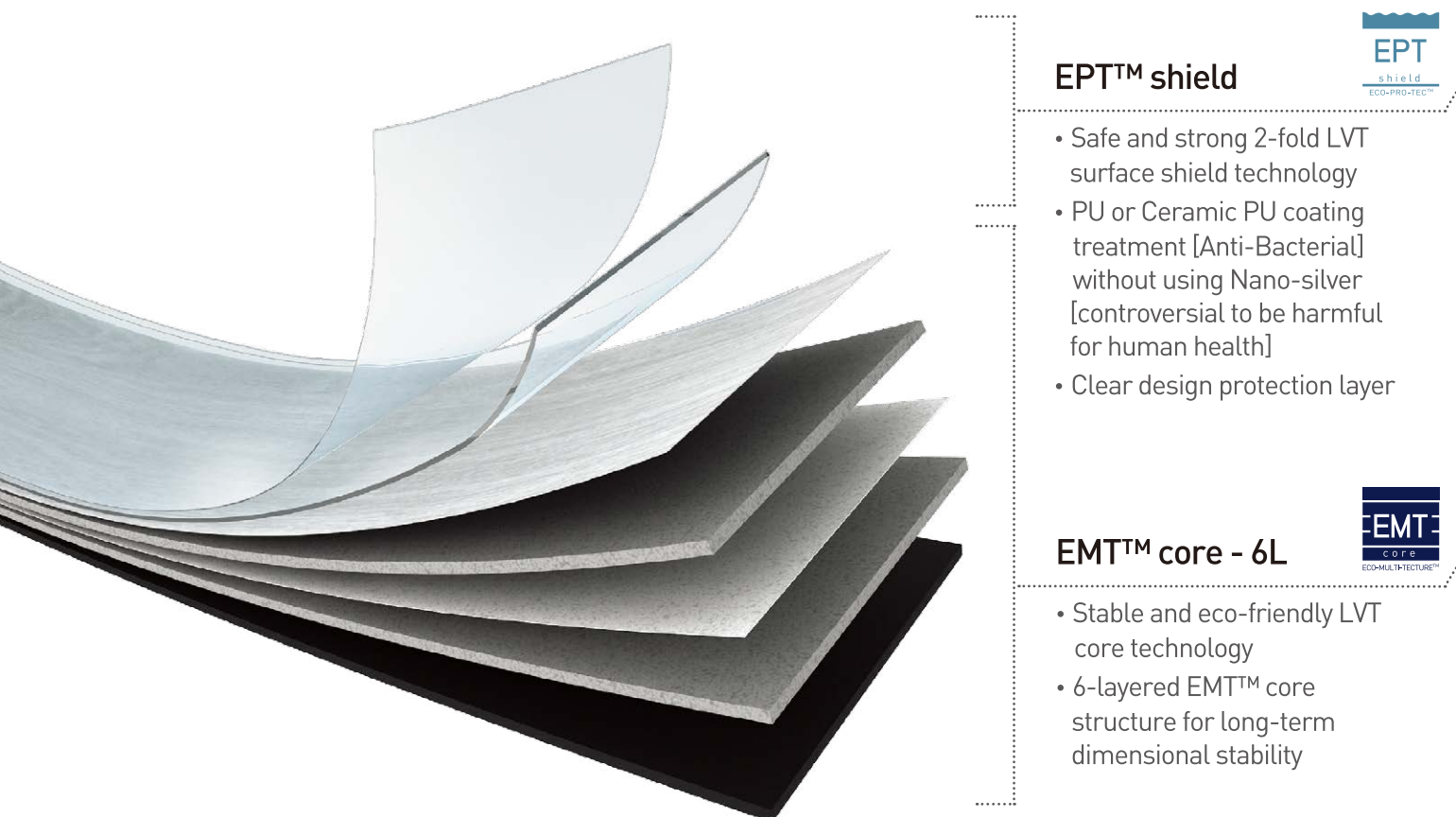
ECOLAY✛
Difference

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

EPT shield ECO-PRO-TEC™

- 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

EMT core ECO-MULTI-TECTURE™

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

Advantages of ECOLAY✛

Grande
Most diverse sizes
- 3 plank sizes including grande plank size
- 2 tile sizes including grande tile size

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

Quick·Easy
Easy to install, replace, and remove

Silent & Soft floor
Silent and soft floor

Non Phthalate Low VOCs
Certified low VOCs and non-phthalate technology

100%
100% recyclable

Ultra Water Resistant
Ultra water-resistant

Suitable for heated floor
Suitable for heated floor

Easy
Easier maintenance than traditional laminated wood and natural stone flooring

HD Design
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)
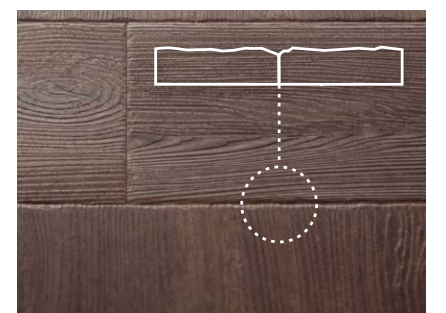
Non-skid Backing of ECOLAY✛

ECOLAY✛ can be supplied with non-skid backing type according to your request.
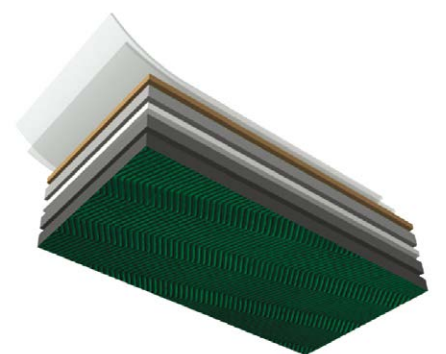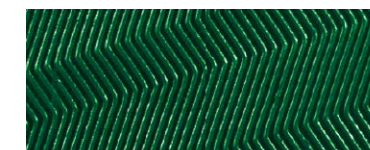
ECOLAY✚ Plank

Grande size of wood plank with rich
and versatile look

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

Total Thickness
5mm

Residential | Everest Oak NLG-45506

Plank

Dimension
180 X 1,201 mm

Restaurant | Mountain NLP-43111

Elegant Oak | Blond　　　　　　　　　　　　　　　　　　　　NLP-5511

Mountain | Brown　　　　Embossed-In-Register | NLP-43111

Heritage Oak | Brown　　　　　　　　　　　　　　　　　　NLP-6902

Washy Oak | Brown　　　　Embossed-In-Register | NLP-400A11

Mountain | Chocolate　　　　Embossed-In-Register | NLP-43101

Plank

—
Dimension
180 X 1,201 mm

Washy Oak | White   NLP-40003
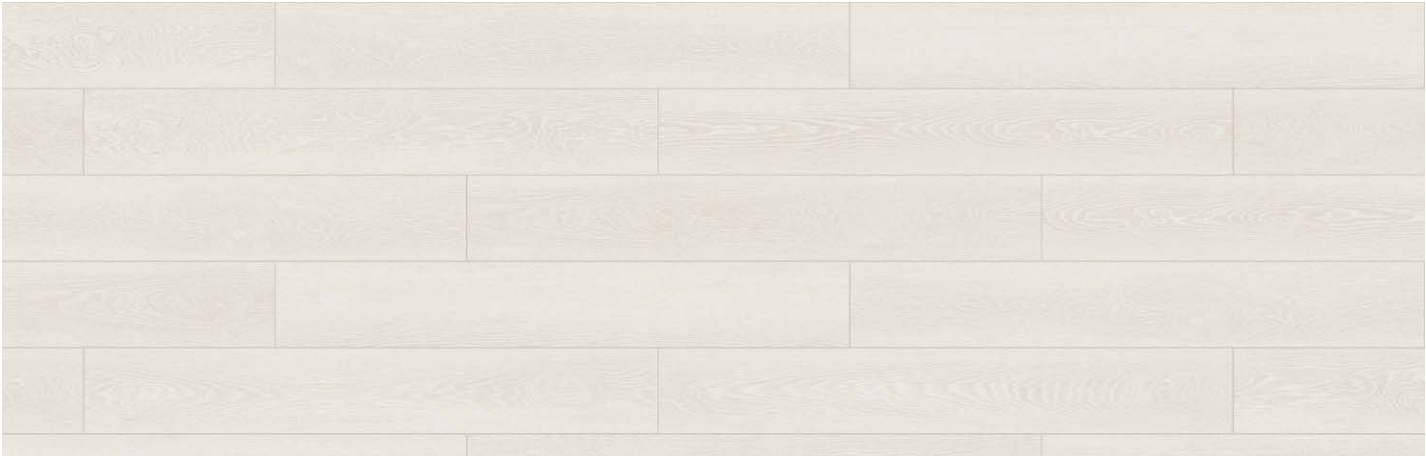
Washy Oak | Brown Grey   Embossed-In-Register | NLP-400A6

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

Santana Oak | Brown NLG-6221

Everest Oak | Golden NLG-45506

Everest Oak | Light NLG-45505

Santana Oak | Grey NLG-6220

Everest Oak | Dark NLG-45502

ECOLAY✛ Tile

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

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

Total Thickness
5mm

Retail Shop | Urban Concrete NLI-14325

Tile

Restaurant | Ornamental NLI-40901

Ornamental | Grey   NLI-40901

Ornamental | Dark Grey   NLI-40902

Hospitality | Canvas NLI-2130

Canvas | Beige   NLI-27814
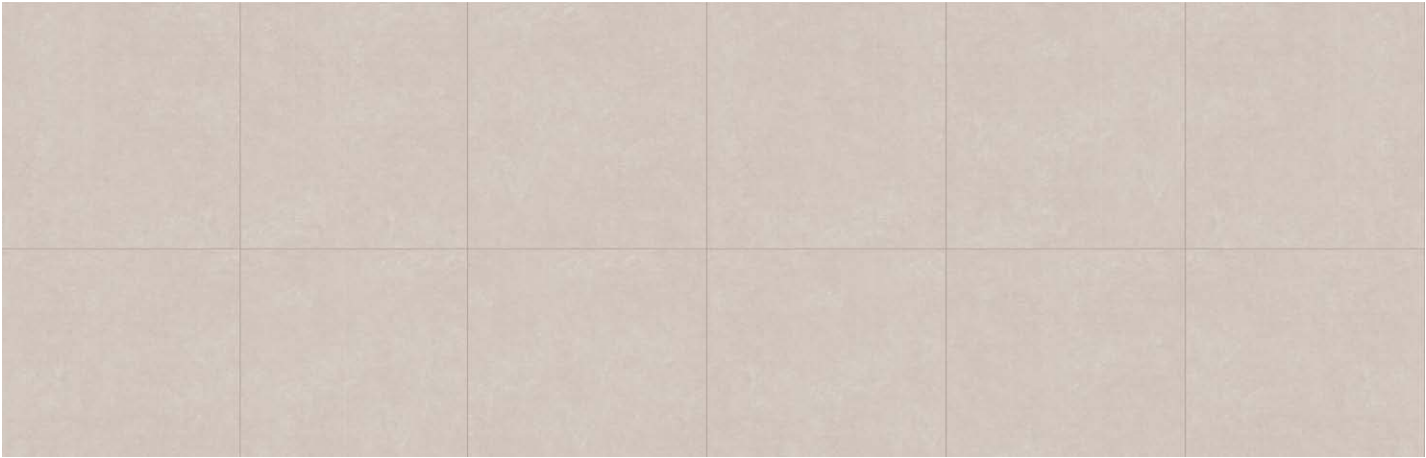
Canvas | Grey   NLI-2130

Grande Tile

Corporate Office | Fresco NLI-2302

Fresco | Beige   NLI-2301

Fresco | Grey   NLI-2302
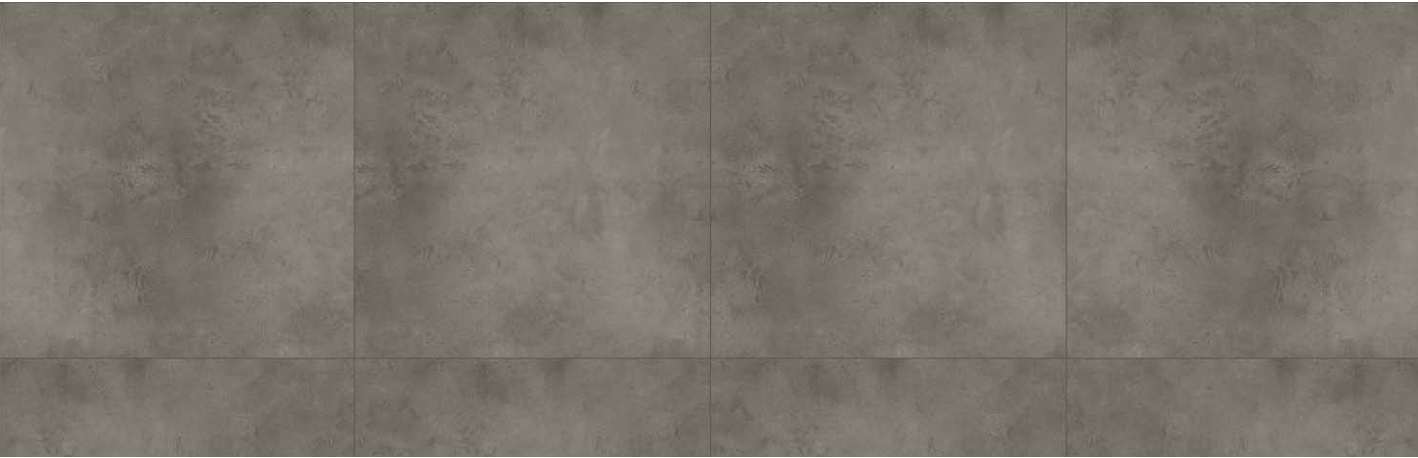

Urban Concrete | Light Grey   NLI-1010

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

EPT
shield
ECO·PRO·TEC™

• 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

EMT
core
ECO·MULTI·TECTURE™

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

Advantages of ECOLOCK✛

|	
Inter-locking	Inter-locking system for easy installation and unique design
Multi Layer	Superior dimensional stability with - NOX EPT™ shield & EMT™ core technologies - Fiberglass stabilization layer
Quick·Easy	Easy to install, replace, and remove
Silent & Soft floor	Silent and soft floor
Non Phthalate Low VOCs	Certified low VOCs and non-phthalate technology
100%	100% recyclable
Ultra Water Resistant	Ultra water-resistant
Suitable for heated floor	Suitable for heated floor
Easy	Easier maintenance than traditional laminated wood and natural stone flooring

ECOLOCK✛

—
Dimension
914.4 X 914.4 mm (36 X 36 inch)

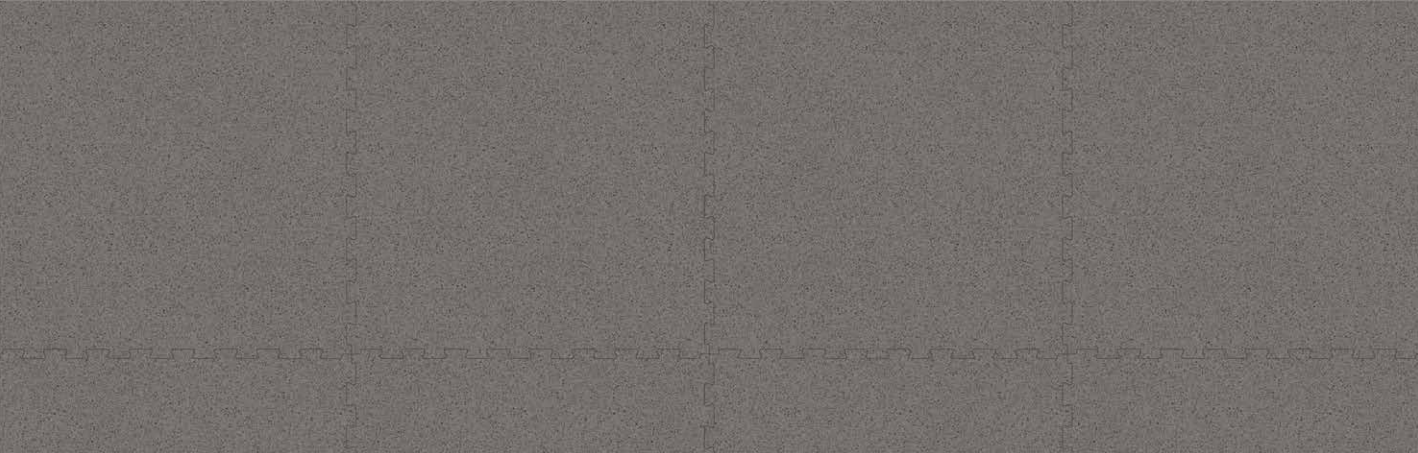**Puzzle | Sand Grey**   NKI-29706
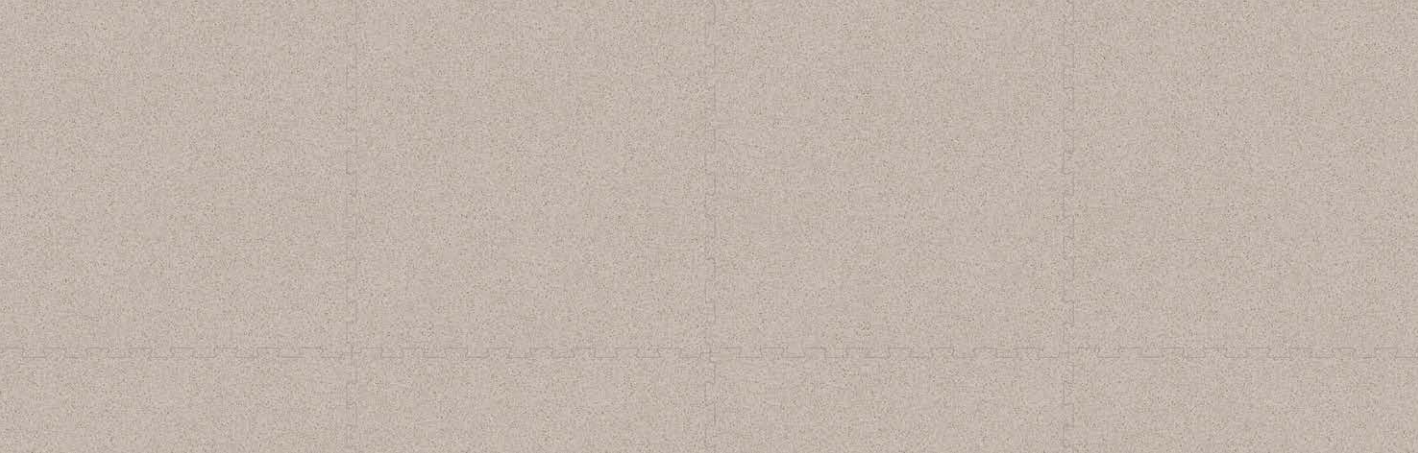
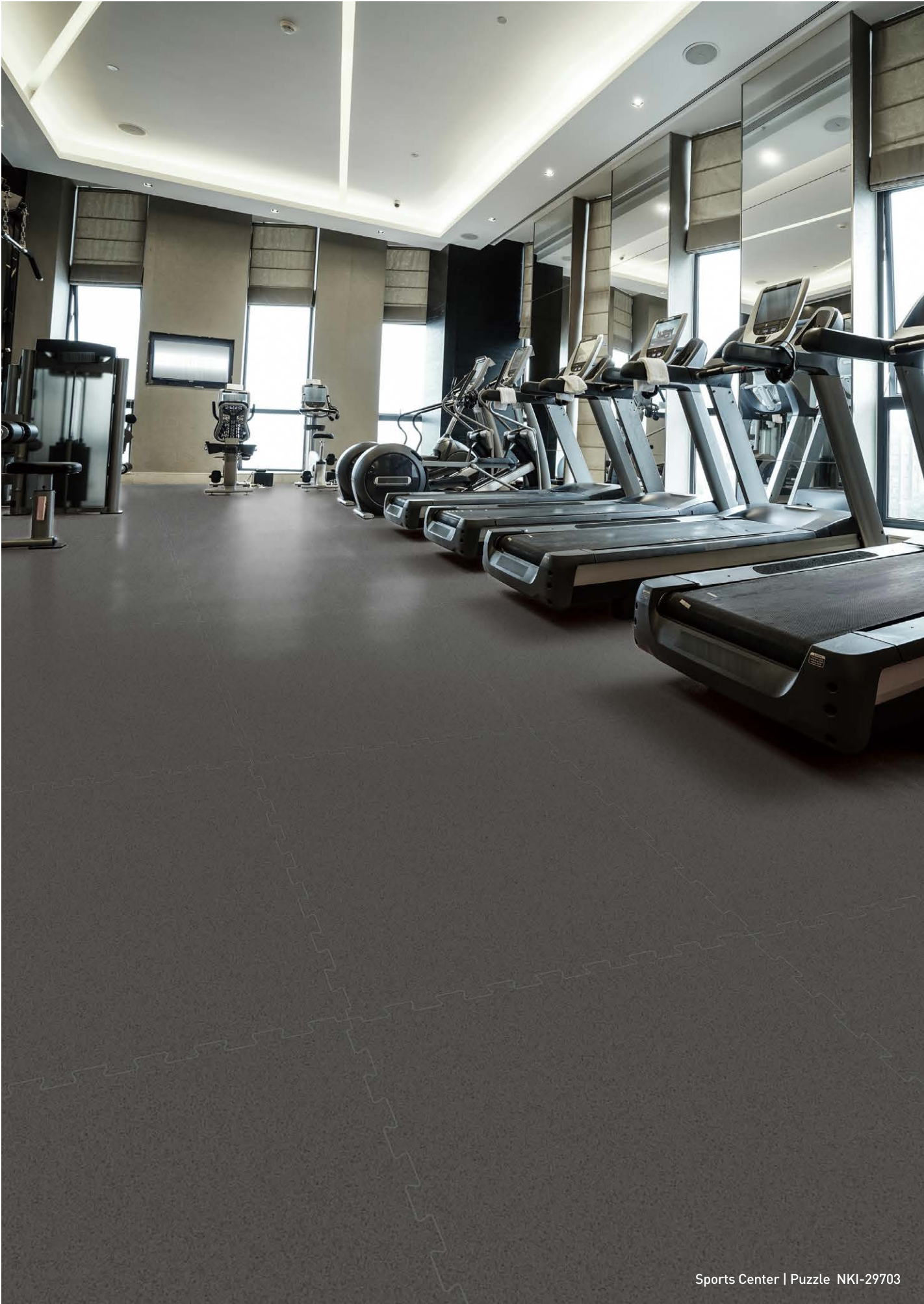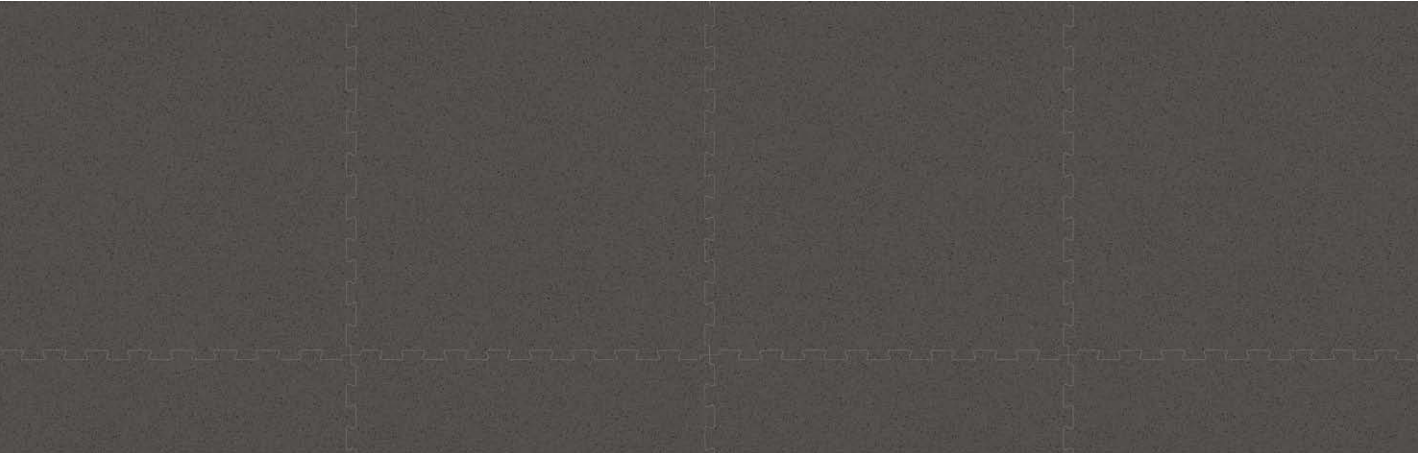**Puzzle | Dark Grey**   NKI-29701

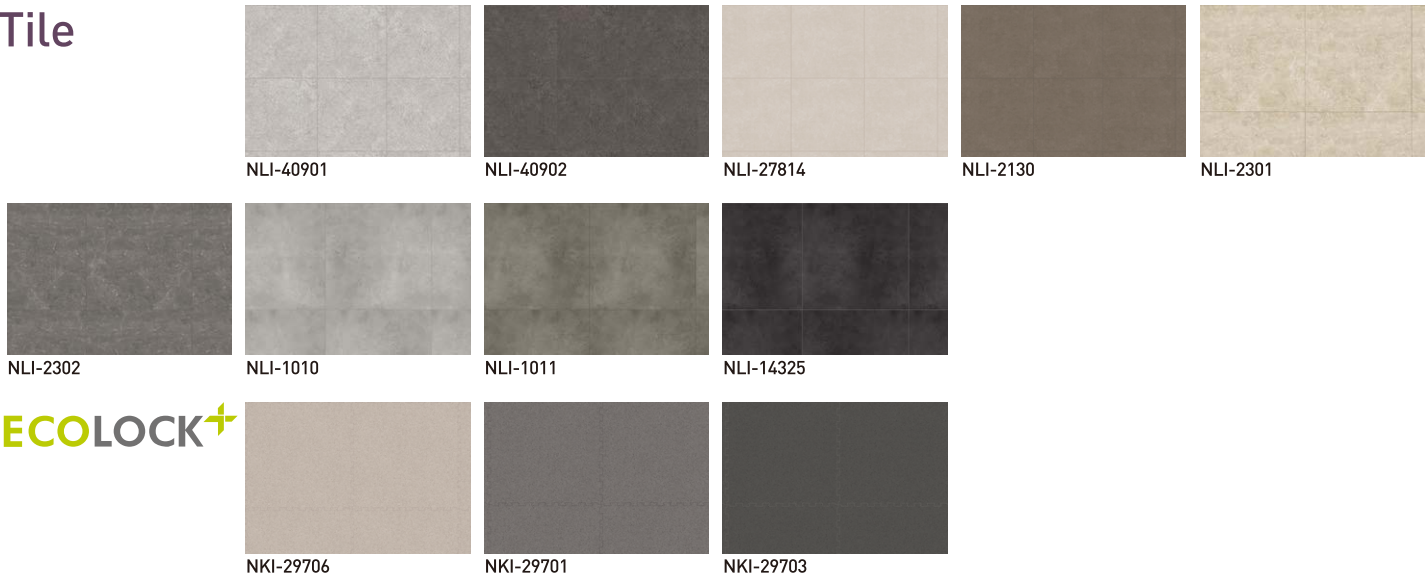**Puzzle | Black**   NKI-29703
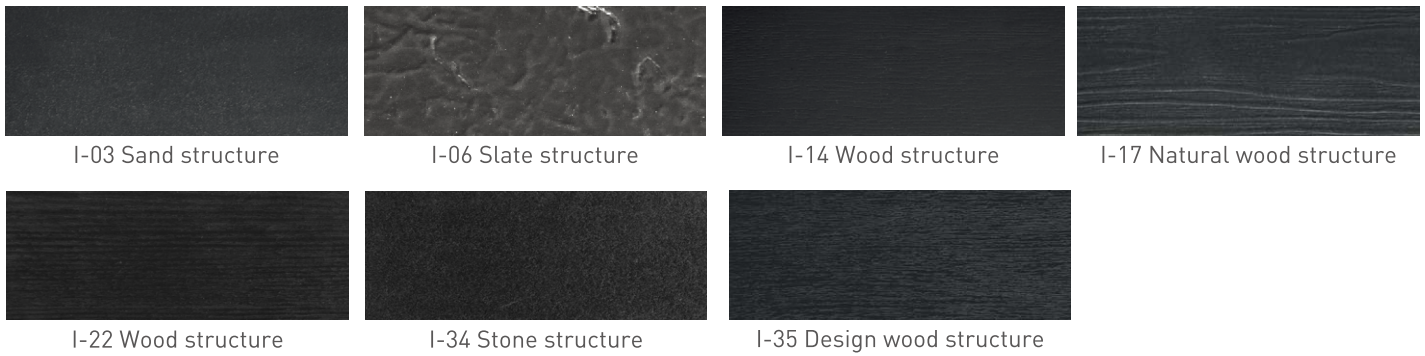
Sports Center | Puzzle NKI-29703

ECOLAY+

Plank

NLP-43111	NLP-400A11	NLP-5511	NLP-6902	NLP-43101
NLP-40003	NLP-400A6	NLP-400A3	NLP-6901	NLP-5510	NLP-40008
NLG-45506	NLG-6220	NLG-6221	NLG-45505	NLG-45502

Tile

NLI-40901	NLI-40902	NLI-27814	NLI-2130	NLI-2301
NLI-2302	NLI-1010	NLI-1011	NLI-14325	

ECOLOCK+

NKI-29706	NKI-29701	NKI-29703

Surface Embossing

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

I-03 Sand structure

I-06 Slate structure

I-14 Wood structure

I-17 Natural wood structure

I-22 Wood structure

I-34 Stone structure

I-35 Design wood structure

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/㎡)	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

NOX
LVT+ GREEN

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

noc NOX Corp.

Reduced hazardous substances, minimized everyday environmental impact
Application: Residential & Commercial Use

Q QUIET MARK
Applicable
SOUNDPROTEC only*

CE

floor score

KC

실내

GOLD

KS KS M 3802

친환경 환경부
Applicable
ECOLAY+ only*

noc NOX FLOR®
by NOX Corp.

Curation #2
Engineered Premium Performance

NOX
LVT+ GREEN

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

Unrivaled Performance, Engineered with NOX Technology

ECOLAY⁺, The Premium Standard in Flooring

NOX Corp.

CONTENTS

ECOLAY⁺,
Engineered Premium Performance

NOX LVT⁺ ECOLAY⁺ has been the proven flooring solution for residential and heavy commercial spaces. Optimized for retail, hospitality, offices, healthcare, and educational institutions, it delivers exceptional durability and performance. With cutting-edge innovation, NOX premium edge & grout technology, limitless design possibilities, and diverse specifications, ECOLAY⁺ has set the standard for excellence in over 50 countries worldwide.

Backed by over 6,000 in-house flooring designs and recognized by the world's most prestigious design awards, ECOLAY⁺ continues to redefine interior spaces.

Now, elevate your space with **NOX ECOLAY⁺ Curation #2: Engineered Premium Performance.**

NOX
LVT⁺GREEN

ECOLAY⁺
EASIEST & STRONGEST GLUELESS LVT

ELT-60202
×
ELT-54103

The product and color on the image may differ from the actual product due to printing limitations

Proven world-class quality, recognized in 50+ countries for 20 years
More stable flooring - built to last

Engineered with EMT™ Core Technology from NOX, the world's largest LVT manufacturer, ECOLAY⁺ has proven its unrivaled quality in 50+ countries. With exceptional long-term dimensional stability and durability, ECOLAY⁺ delivers unmatched resilience, high performance, and a seamless surface.

EMT core
ECO-MULTI-TECTURE™

2× stronger dimensional stability for no deformation and high stability

NOX's multi-layer technology ensures superior long-term dimensional stability, withstanding distortion, contraction, and expansion caused by environmental changes, including moisture and temperature fluctuations.
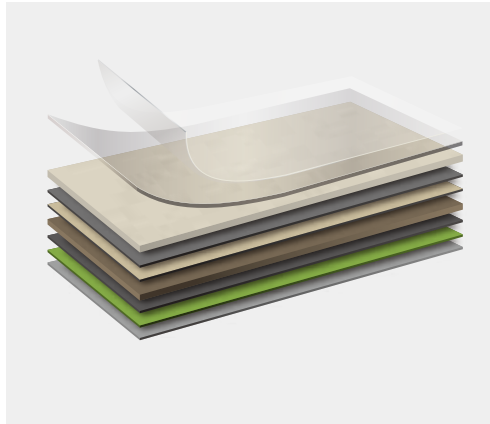
Dimensional Stability (ISO 23999) *Requirements: ±0.15%	Competitors	ECOLAY⁺
	Length : 0.05% Width : 0.06%	Length : 0.02% Width : 0.00%

3× stronger peel resistance for no lifting and no delamination

ECOLAY⁺ features unparalleled durability and high peel resistance, providing robust stability without lifting, deformation, or delamination.

Peel Resistance (ISO 24345) *Requirements: ≥50N/50mm	Competitors	ECOLAY⁺
	30N ~ 75N/50mm	105N/50mm

10-year warranty program

Up to a 10-year quality warranty is provided on the protection layer of genuine ECOLAY⁺ products when purchased through official distributors or in-house installation.

WARRANTY
10 YEARS

The ultimate flooring surface technology
More realistic textures, easier maintenance

Engineered to withstand the demands of high-traffic commercial spaces, offering the highest protection against scratches, dents, discoloration, and stains for long-lasting durability. The safety of the antibacterial materials used for EPT™ Shield technology has been approved by the US EPA. (※ US EPA : US Environmental Protection Agency)

EPT shield
ECO-PRO-TEC™

NOX's three cutting-edge innovations for true texture

TRUE TEXTURE

High-functioning Wear Layer: Highest level of clarity in the industry, highlighting the precise details of the design prints
More Realistic Embossing: Unparalleled embossing technology replicating the depth and texture of natural materials, bringing flooring to life
Best in Class Coating System: Unmatched performance boasting easy-to-clean, anti-scratch, anti-slip, and wear-resistance

Industry-leading scratch resistance for long-lasting original quality

Industry-leading coating technology offers the highest resistance to scratches, dents, discoloration, and stains.

Scratch Resistance Test (EN 16094) *Requirements: Resistance class MSR B1 - MSR B2	Competitors	ECOLAY⁺
	B3	B1 ~ B2

Competitors | ECOLAY⁺

1.3× superior slip resistance for greater safety

Advanced slip-resistant technology for superior walking safety and stability.

Anti-slip (ISA 4586) *Requirements: Pendulum SRV P3	Competitors	ECOLAY⁺
	P2	P3

34 | 45
Competitors | ECOLAY⁺

Exceptionally hygienic with No.1 anti-mold technology

NOX EPT™ anti-bacterial ingredient eliminates 99.9% of bacteria without the use of nano-silver, a substance controversial for its potential health concerns.

Mold on test specimen (1st class : ≤10%) | Mold unable to grow
Competitors | ECOLAY⁺
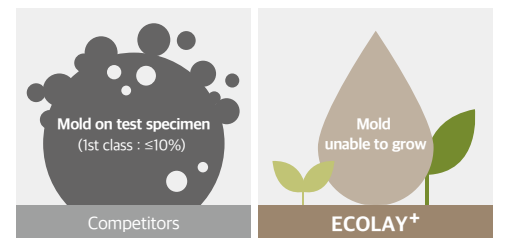
Certified world-class product of Korea

NOX is recognized as a 'World Class Product Manufacturer,' with its flooring also certified as a 'World Class Product of Korea.' Both certifications are granted by the Ministry of Trade, Industry, and Energy (MOTIE) and KOTRA, designated for companies whose products rank among the top five in global market share. NOX maintains a strong reputation, holding the #1 market share in developed markets such as Japan, Germany, and France, which have strict quality standards.

KOREA
WORLD CLASS
차세대세계일류상품

World's first carbon-reducing materials conversion

More sustainable flooring

NOX **LVT$^+$**GREEN

ECOLAY$^+$
EASIEST & STRONGEST GLUELESS LVT

Leading sustainability innovation with the conversion of key materials of flooring into carbon-reducing materials

Vinyl for NOX LVT$^+$ is made of 57% chlorine from common salt and 43% of ethylene from natural gas

Reliable carbon-reducing materials

NOX was the world's first to convert key raw materials for flooring into sustainable alternatives derived from recycled materials, including PET bottles, discarded cooking oil, and more, ensuring safety for both humans and the environment. These key materials are also certified by ISCC PLUS, an eco-friendly certification aligned with the EU Renewable Energy Directive, and EcoVadis, the world's largest and most trusted global sustainability rating agency for safety assurance.

UP TO 90%

ISCC International Sustainability & Carbon Certification | Global Recycled Standard | ecovadis

Best-in-class quality, reducing waste

Utilized NOX EMT™ core technology to maintain globally recognized high quality.

WASTE ZERO

100%** recyclable flooring

Lead global flooring sustainability innovation by producing 100% easily recyclable flooring.

100%

*90% refers to the total product weight of the raw materials: Bio-Circular Balanced PVC, Recycled Plasticizer (DOTP), Eco-Friendly Filler. The percentage may vary upon request
**Recyclable refers to NOX flooring that is recycled during production, and can be fully recycled at our facility post installation

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No harmful emissions

More comfort, more safety

NOX ECOLAY$^+$ ensures the safety of everyday flooring by utilizing advanced NOX technology to offer a low-VOC, low-carbon solution, free from heavy metals and phthalates.

FloorScore®

FloorScore® is the most recognized indoor air quality (IAQ) certification standard for flooring and contributes to better indoor air quality with low VOC emissions.

floor score CERTIFIED BY SCS Global Services

Eurofins Indoor Air Comfort GOLD

Eurofins certifies products with the Indoor Air Comfort Gold, the highest level of Indoor Air Comfort certification, which ensures compliance with low-emission requirements set by European Union authorities. Certified products feature best-in-class low emissions, contributing to better and healthier indoor air quality.

eurofins GOLD CERTIFIED PRODUCT

VOC A+ Certification

An obligatory emissions classification and labeling regulation according to the French government's regulations on emissions of VOC and formaldehyde for construction products.

INDOOR AIR QUALITY A+

Faster and easier

World's first glueless installation

ECOLAY$^+$ is the world's first loose-lay flooring, launched in 2003 by NOX, a global leader in flooring innovation. Offering quick and easy installation with its exclusive glueless loose-lay system, it is recognized as the optimal flooring solution for high-traffic commercial spaces worldwide.

Glueless loose-lay system

Seamless look with smooth joints

Up to 5× stronger acoustic performance
Industry-leading noise reduction technology

SOUNDPROTEC
ACOUSTICS PERFORMANCE TECHNOLOGY

NOX SOUNDPROTEC, backed by NOX EMT™ Core, is the ultimate solution for high-traffic commercial spaces, reducing impact noise by 20dB, the highest level in the industry.
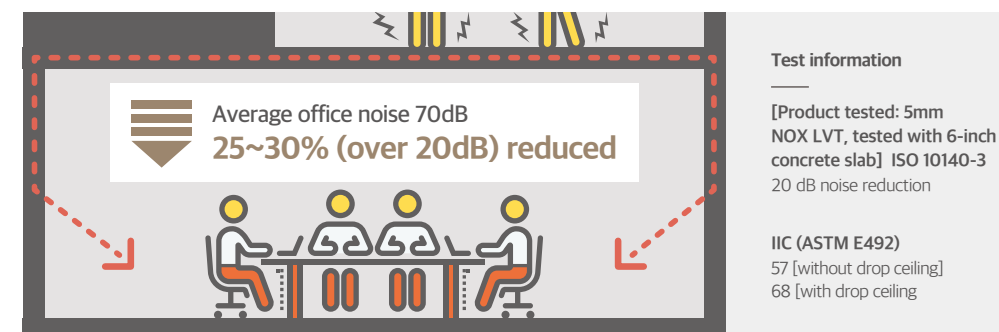
The international QUIET MARK certification, awarded by the UK Noise Abatement Society (NAS) for noise reduction technologies or products.

Sound impact test

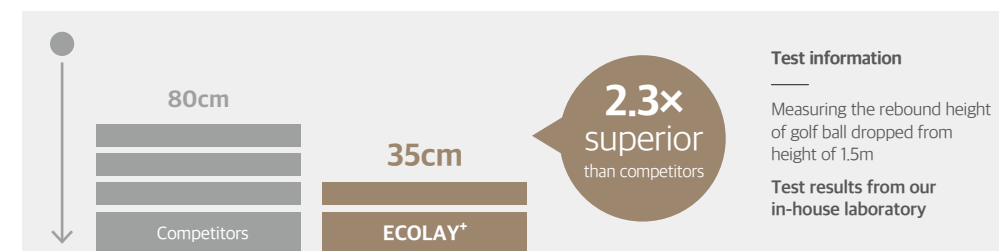Test Criteria : ISO 10140-3 / KS F 2865

NOX ECOLAY⁺ with SOUNDPROTEC	Competitors	Engineered wood flooring	Ceramic
20dB	8dB	4dB	2 ~ 4dB

20 dB
S.P

Average office noise 70dB
25~30% (over 20dB) reduced

Test information

[Product tested: 5mm
NOX LVT, tested with 6-inch
concrete slab] ISO 10140-3
20 dB noise reduction

IIC (ASTM E492)
57 [without drop ceiling]
68 [with drop ceiling]

Best-in-class foot comfort

Comfort with high-density cushion layer absorbing the impact. Advanced high-performance technology absorbs foot impact.

80cm

35cm

2.3×
superior
than competitors

Competitors

ECOLAY⁺

Test information

Measuring the rebound height
of golf ball dropped from
height of 1.5m

Test results from our
in-house laboratory

Industry #1 acoustic performance

Reduce noise from footsteps and impact sounds. Advanced high-performance technology absorbs noise caused by walking or foot impact.

The most realistic look and feel
NOX premium edge & grout technology

NOX premium edge & grout technology is the authentic NOX design innovation that replicates the details of grout in natural stone and the rough edges of wood, enhancing the realistic appearance of natural materials.

NOX flooring are customizable in different sizes upon request

Natural Grout

N.G

The edge of the tile is finished with natural grout built into the stone tile, replicating the elegant appearance and texture of premium stone in the most realistic way.
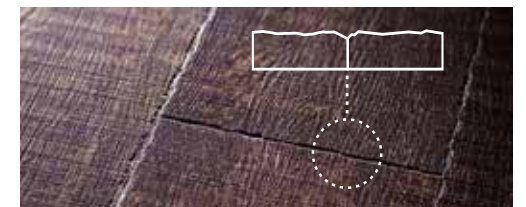* Applicable: ELT 59002, ELT 59003, ELT 59010

Rustic Edge

R.E

The edge of the tile mimics the natural rough and rustic texture of wood, achieving the timeworn look of authentic rustic wood.
* Applicable: ELT 54103

Embossed in Register

EIR

NOX's unparalleled technology realizing depth and texture of the design.
* Applicable: ELT 53515, ELT 53516, ELT 53517

Award-winning design
Design curation for a more stylish space

NOX offers the world's leading and largest in-house design solution, with over 6,000 designs that have won world-renowned awards and continue to set global flooring trends. Discover NOX's exclusive design curation, featuring the most realistic and detailed portrayals of stone and wood, backed by proven global design expertise.

iF DESIGN AWARD 2024   Best of NeoCon   IDEA INTERNATIONAL DESIGN EXCELLENCE AWARDS   Innovations@ DOMOTEX   GOOD DESIGN AWARD 2014   reddot award 2014 winner

NOX stands as the sole Korean member of RFCI, the premier global flooring association that represents the world's largest flooring companies, top manufacturers, distributors, and raw material producers.

RFCi
Resilient Floor Covering Institute   NOX Corp

CURATION #2

01

Refined
Aesthetics

—

HOTEL
RETAIL
HOSPITALITY

02

Elevated
Modernity

—

RETAIL
CORPORATE
HEALTHCARE

03

Pleasant
Inspirations

—

EDUCATION
HOSPITALITY
CORPORATE

HALF MOON

457.2 × 457.2mm

ELT-60202

DUMOSS   R.E

609.6 × 609.6mm

ELT-54103

TRAVINEA

600 × 1200mm

ELT-57302

01

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Refined **Aesthetics**

ENGINEERED **PREMIUM** PERFORMANCE

The product and color on the image may differ from the actual product due to printing limitations

ELT-42525
×
ELT-57302

HALF MOON

457.2 × 457.2mm

ELT-60202

ELT-60202

The product and color on the image may differ from the actual product due to printing limitations

ENGINEERED **PREMIUM** PERFORMANCE

DUMOSS

609.6 × 609.6mm

ELT-54103

R.E

The product and color on the image may differ from the actual product due to printing limitation

ELT-54103

ENGINEERED **PREMIUM** PERFORMANCE

TRAVINEA

600 × 1200mm

ELT-57302

ELT-57302

The product and color on the image may differ from the actual product due to printing limitations

WELLE

457.2 × 914.4mm   **N.G**

ELT-59002
ELT-59003
ELT-59010

GRANO

600 × 600mm

ELT-51902
ELT-51904
ELT-51905

VELVET

600 × 600mm

ELT-56308
ELT-56309

02

—

Elevated **Modernity**

ELW-40412
×
ELT-56309

The product and color on the image may differ from the actual product due to printing limitations

WELLE

457.2 × 914.4mm

ELT-59002

N.G

ELT-59003

N.G

ELT-59010

N.G

ELT-59002
ELT-59003
ELT-59010

The product and color on the image may differ from the actual product due to printing limitations

GRANO

600 × 600mm

ELT-51902

ELT-51904

ELT-51905

ENGINEERED **PREMIUM** PERFORMANCE

ELT-51902
ELT-51904
ELT-51905

The product and color on the image may differ from the actual product due to printing limitations

VELVET

600 × 600mm

ELT-56308

ELT-56309

ELT-51902
ELT-51904
ELT-51905
×
ELT-56308
ELT-56309

The product and color on the image may differ from the actual product due to printing limitations

ENGINEERED **PREMIUM** PERFORMANCE

HAVEN

914.4 × 914.4mm   EIR

ELT-53515
ELT-53516
ELT-53517

ADAGIO

457.2 × 914.4mm

ELT-48827
ELT-48828
ELT-48829
ELT-48830

03

—

Pleasant **Inspirations**

ELT-48815
ELT-48829
×
ELT-56309

ENGINEERED **PREMIUM** PERFORMANCE

The product and color on the image may differ from the actual product due to printing limitations
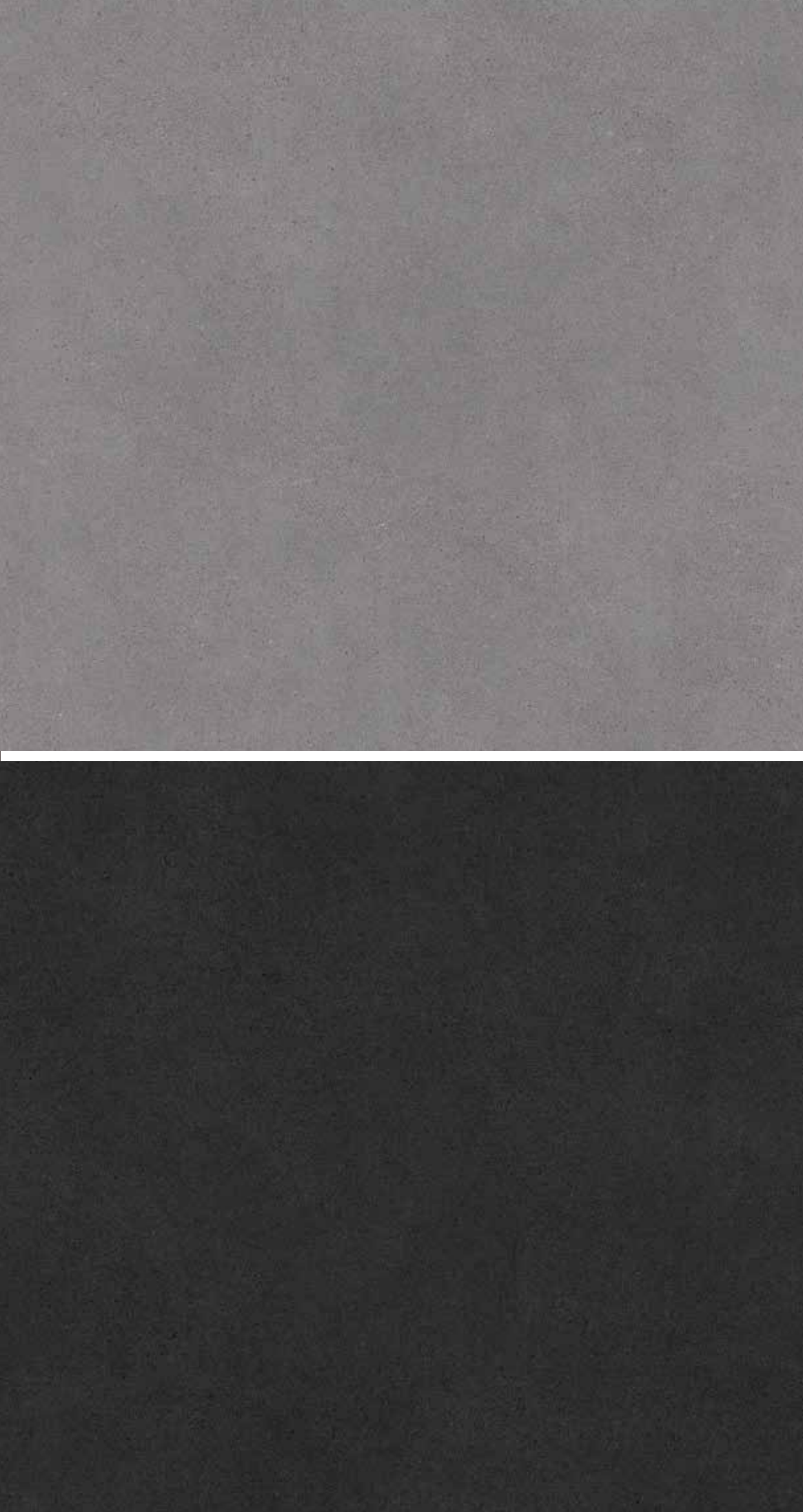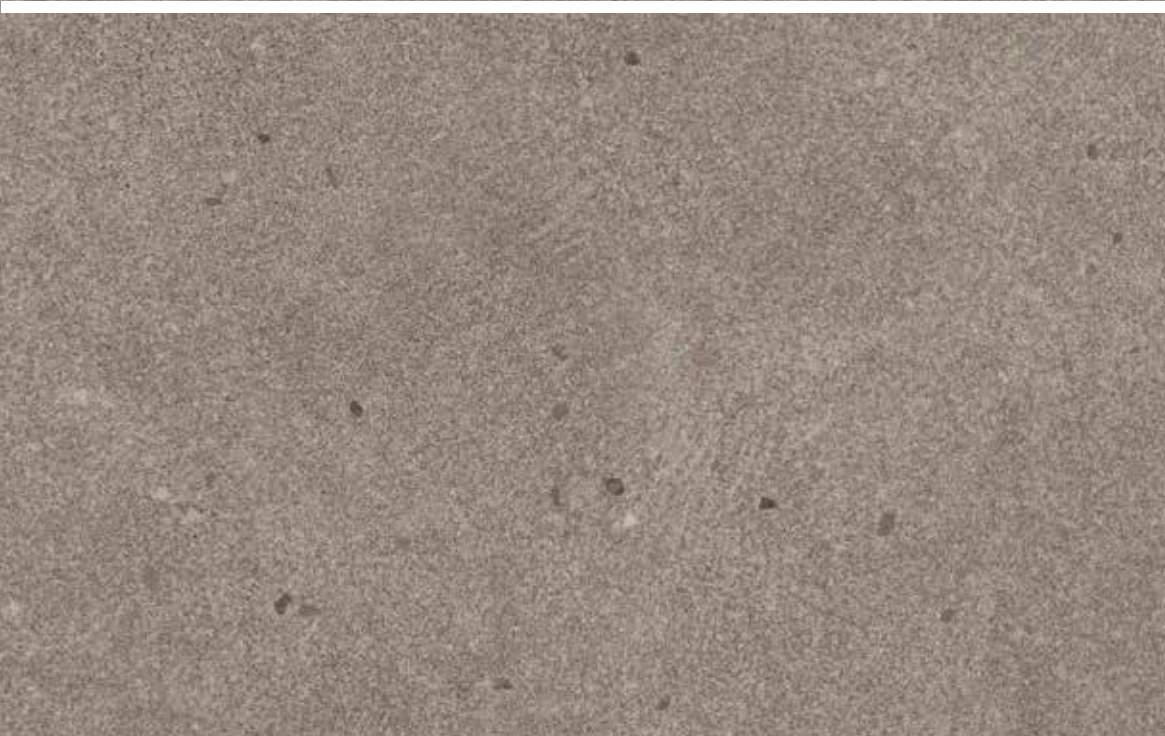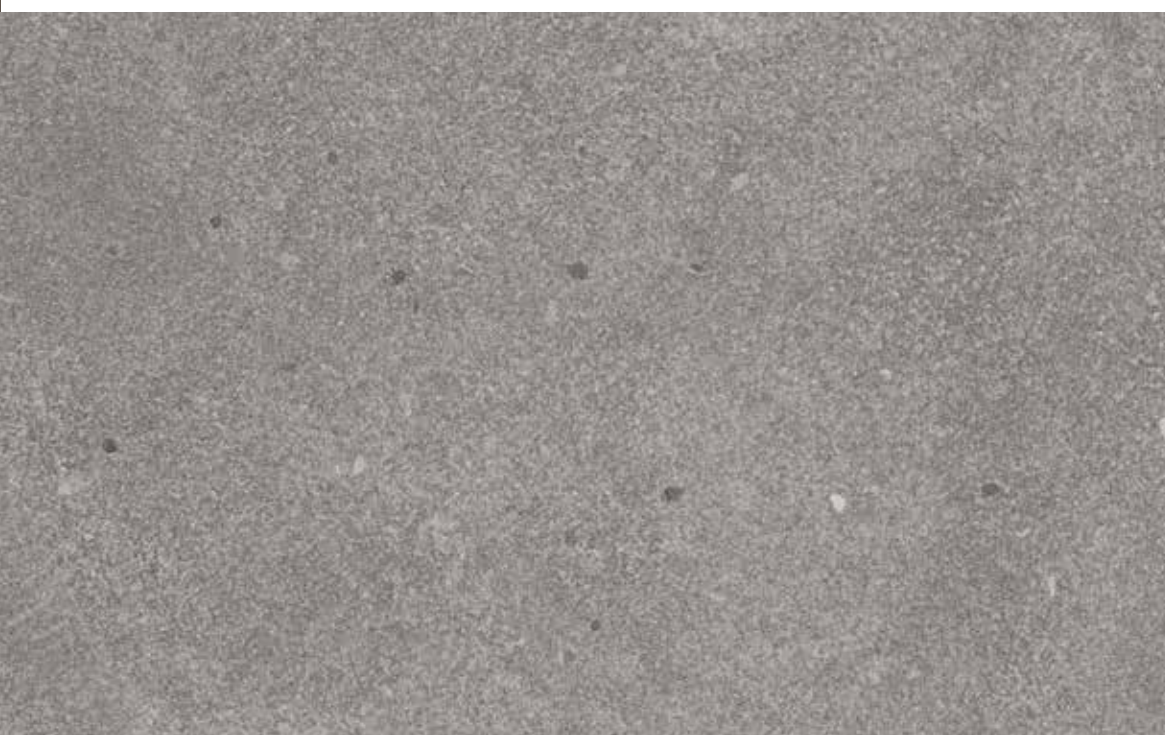
HAVEN

914.4 × 914.4mm

ELT-53515

EIR

ELT-53516

EIR

ELT-53517

EIR

ELT-53516   The product and color on the image may differ from the actual product due to printing limitations
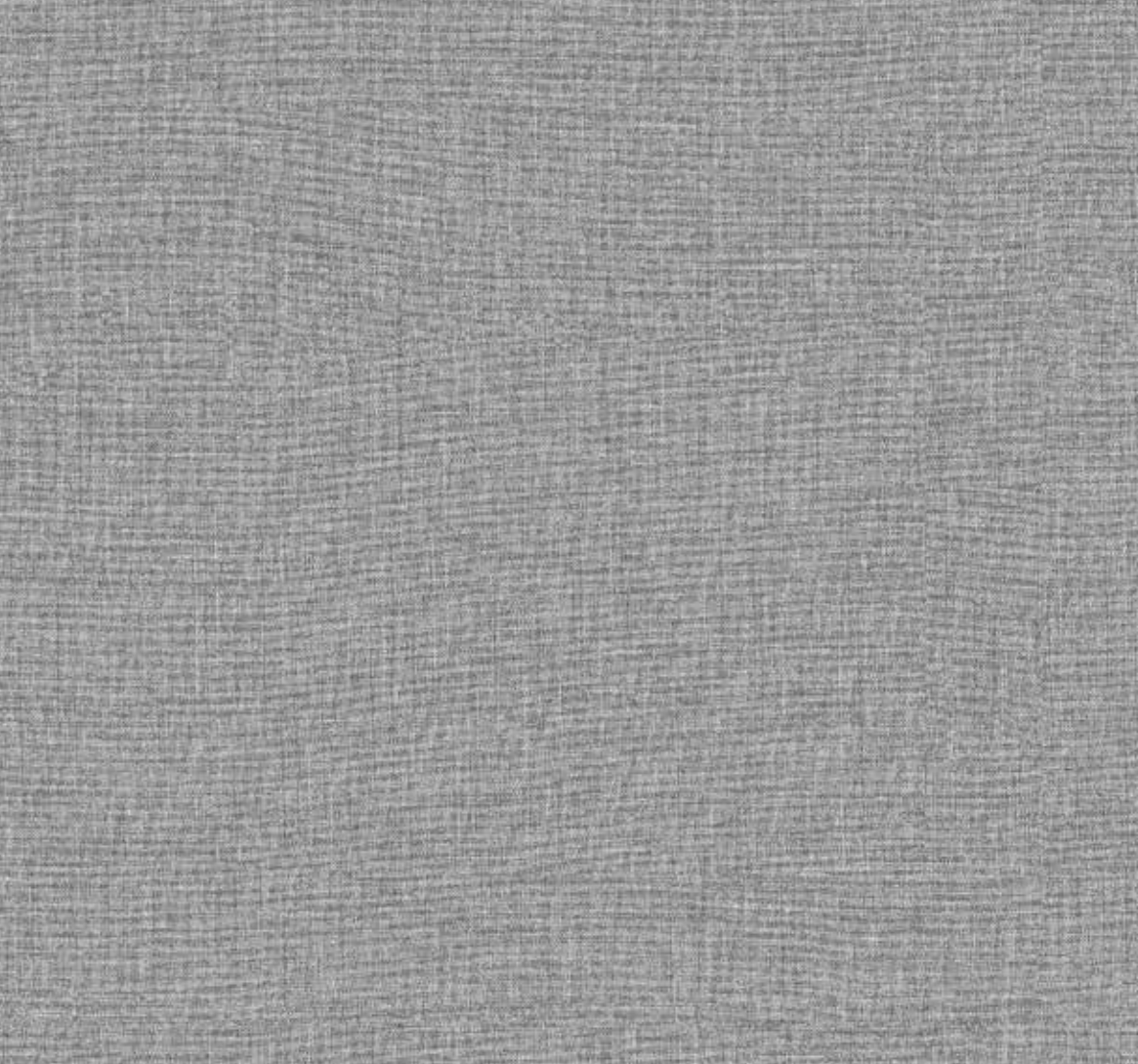
ADAGIO

457.2 × 914.4mm

ELT-48827

ELT-48828

The product and color on the image may differ from the actual product due to printing limitations

ENGINEERED **PREMIUM** PERFORMANCE

ELT-53515
×
ELT-48805
ELT-48828

ELT-48829
ELT-48830

The product and color on the image may differ from the actual product due to printing limitations

ADAGIO
457.2 × 914.4mm

ELT-48829

ELT-48830

CURATION #2
OVERVIEW

NOX LVT⁺ ECOLAY⁺ has been the proven flooring solution for residential and heavy commercial spaces. Optimized for retail, hospitality, offices, healthcare, and educational institutions, it delivers exceptional durability and performance. With cutting-edge innovation, NOX premium edge & grout technology, limitless design possibilities, and diverse specifications, ECOLAY⁺ has set the standard for excellence in over 50 countries worldwide.

Backed by over 6,000 in-house flooring designs and recognized by the world's most prestigious design awards, ECOLAY+ continues to redefine interior spaces. Now, elevate your space with NOX ECOLAY+ Engineered Premium Performance.
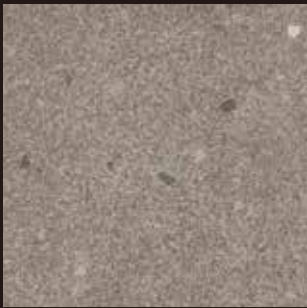
ELT-54103

ELT-53515

ELT-48827

ELT-51902

ELT-59002

ELT-56308

ELT-57302

ELT-53517

ELT-48828

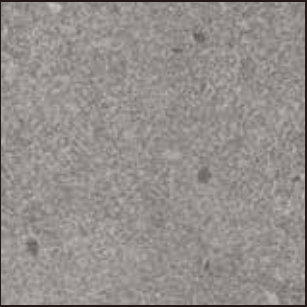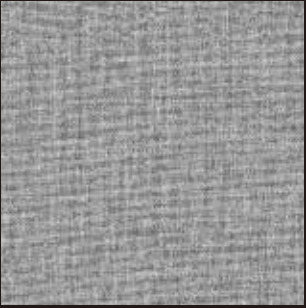ELT-51904

ELT-59003

ELT-56309

ELT-59010

ELT-60202

ELT-51905

ELT-53516

ELT-48829

ELT-48830

시공 시 주의사항 (Installation Guidelines)

종류 (Type)	유성접착제 (Poly Urethane (PU) Adhesives)	수성접착제 (Waterbased Acrylic Adhesives)
적용범위 (Applications)	신축 건물 (동, 하절기) / 바닥 난방 장소 / 동절기 시공 시 / 바닥 습도 5% 이상인 장소	유성접착제 적용이 필요한 장소 이외의 곳
	New buildings (winter, summer season) / Heated places / Winter season / Places more than 5% of humidity	Places except for Poly Urethane (PU) Adhesives Applications
포장단위 (Package)	4kg/통, 20kg/통 (4kg/can, 20kg/can)	10kg/통 (10kg/can)
표준도포량 (Optimum Usage)	1.3 ~ 1.5kg/평 (0.40 ~ 0.45kg/m²)	1.3 ~ 1.5kg/평 (0.40 ~ 0.45kg/m²)

시공 전 (Before Installation)

- 난방이 가능한 장소는 반드시 7~14일 정도 난방을 하여 주시고, 비난방 장소일 경우 충분한 양생 기간을 거쳐 습기를 완전히 제거하여 주십시오.
- 시공할 바닥면에 붙어있는 니스, 페인트 등 오염물질은 반드시 제거하여 주십시오.
- 시공할 바닥면의 요철 부분 및 모래가루는 반드시 제거하여 주시고 바닥면을 평탄하게 하여 주십시오.
- 육안으로 판별되는 바닥 크랙은 반드시 보수하여 주십시오.
- 시공 장소는 18℃ 이상의 상온을 유지해 주시고, 타일과 접착제는 시공 장소에서 24시간 이상 보관 후 시공하여 주십시오.

- Subfloor to be installed must be heated for 7~14 days if heating system is available. If not, allow sufficient time to dry out all moisture.
- Contaminants such as varnish, paint, etc. must be thoroughly removed prior to installation.
- Subfloor must be clean, even and free of imperfections.
- Any visible cracks must be repaired with sealant prior to installation.
- Temperature of the area to be installed must be maintained at 18℃ or above before, during and after installation.
  Tiles and adhesives must be kept in the installation area for at least 24 hours before installation.

시공 시 (During Installation)

- 시공할 제품이 동일 LOT인지 확인하여 주십시오.
- 난방이 되는 경우 최소한 시공 3시간 전에는 보일러 가동을 중지하여 주십시오.
- 타일 시공 시 반드시 당사가 지정하는 접착제를 사용하여 주십시오.
- 신축 건물이나 난방 배관 장소 및 동절기에는 반드시 우레탄계 접착제를 사용하여 주십시오.
- 시공 시 제품의 표면에 묻은 접착제는 즉시 제거하여 주십시오.
- 완전한 접착을 위해 시공 후 50kg 이상의 롤러로 충분히 압착하여 주십시오.

- Please check that tiles are of the same LOT number prior to installation.
- For radiant heated floors, turn off the heating system at least 3 hours before installation.
- Please use recommended adhesives only.
- Polyurethane Adhesives are recommended for installation in winter season, on underheating floors and in newly constructed buildings.
- Please immediately remove any adhesives on tile surfaces during installation.
- Please press the floor sufficiently with roller (more than 50kg) after installation.

시공 후 (After Installation)

- 시공이 완료된 후 최소 48시간 이내에는 난방을 실시하지 마십시오.
- 시공 후 왁스코팅 처리를 하시면 바닥의 표면 강도를 높일 수 있습니다.
- 시공 후 24시간 이내에는 가구 등 내부 자재를 옮기지 마십시오.
- 바닥의 상태와 용도에 따라 일정 간격으로 중성세제를 이용하여 닦아내고, 다시 왁스코팅을 하여 유지관리하여 주십시오
- 부분적으로 오염이 심한 경우는 중성세제나 알코올을 사용하여 닦아 주십시오.
- 물청소를 할 때에는 물방울이 흐르지 않도록 꼭 짠 후에 닦아 주십시오.
- 연결 부분이나 가장자리를 통해 수분이 침투하면 바닥재의 들뜸 현상이 발생하므로 주의해야 합니다.

- Do not turn on radiant floor heating system for at least 48 hours after installation.
- For non-polyurethane finish, wax coating treatment after installation will increase floor protection.
- Do not set down furniture or other objects onto the newly installed floor for at least 24 hours after installation.
- Routine maintenance and cleaning of the floor is necessary to keep its appearance. It is recommended that the floor be cleaned with a neutral detergent and wax applied at regular intervals.
- Clean stains with a neutral detergent solution or spot clean with alcohol.
- Squeeze out excess water before wiping the floor to avoid adhesive failure. Damp mop cleaning is recommended.

물성시험성적표 (Test Report)
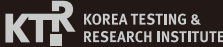
Test Item	Standard	Results	Test Method
Appearance	No Defects	Pass	KS M3802: 2022
Length	± 0.1%	599.94mm	KS M3802: 2022
Width	± 0.1%	599.78mm	KS M3802: 2022
Thickness	± 0.5MM	5.05mm	KS M3802: 2022
Squareness	≤ 0.25mm	0.05mm	KS M3802: 2022
Surface Roughness	Min. 8μm, Avg. 15μm or more	19.85μm	KS M3802: 2022
Indentation at 23℃	≥ 0.40mm	0.49mm	KS M3802: 2022
Indentation at 45℃	≤ 2.0mm	1.01mm	KS M3802: 2022
Residual Indentation	≤ 0.45mm	0.31mm	KS M3802: 2022
Dimensional Stability by Heating: T.D	≤ 0.15%	0.03%	KS M3802: 2022
Dimensional Stability by Heating: M.D	≤ 0.15%	0.01%	KS M3802: 2022
Curling (5℃)	≤ 0.5mm	0.35mm	KS M3802: 2022
Curling (23℃)	≤ 2.0mm	0.77mm	KS M3802: 2022
Chemical Resistance: Soybean Oil		Pass	KS M3802: 2022
Chemical Resistance: Kerosene		Pass	KS M3802: 2022
Chemical Resistance: 95% Ethyl Alcohol		Pass	KS M3802: 2022
Chemical Resistance: Cement Paste		Pass	KS M3802: 2022
Chemical Resistance: 10% Ammonium Hydroxide	No significant color or gloss changes	Pass	KS M3802: 2022
Chemical Resistance: Milk		Pass	KS M3802: 2022
Chemical Resistance: 5% Acetic Acid		Pass	KS M3802: 2022
Chemical Resistance: 5% Hydrochloric Acid		Pass	KS M3802: 2022
Chemical Resistance : Kerosene		Pass	KS M3802: 2022
Chemical Resistance : Soy Sauce		Pass	KS M3802: 2022
Wear resistance	≤ 200mg	33mg	KS M3802: 2022
Anti-Slip (Pendulum test: Slider 55 based)	–	DP5, WP3	KS M3802: 2022
Fire Resistance (Flammability)	Flame retention time: ≤ 20s, Carbonization length: ≤ 100mm	Pass	KS M3802: 2022
Phthalate	–	Not Detected	KS M3802: 2022

인증마크 (Certification)

Eco Label Certification: Reduced hazardous substances, minimized everyday environmental impact
Application: Residential & Commercial Use

Applicable SOUNDPROTEC only*

KS M 3802

Applicable ECOLAY+ only*

포장단위 (Size & Packing)

Size (mm)	Thickness [mm]	Pcs/Box	Sqm/Box²
600 × 600 mm		6	2.16 m²
457.2 × 457.2 mm		10	2.09 m²
914.4 × 914.4 mm		3	2.51 m²
609.6 × 609.6 mm	0.55 mm	6	2.23 m²
600 × 1,200 mm		4	2.88 m²
457.2 × 914.4 mm		6	2.51 m²