NOX
LVT+ GREEN

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

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NOX Corp.

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

Applicable
SOUNDPROTEC only*

KS M 3802

Applicable
ECOLAY+ only*

NOX FLOR
by NOX Corp.

NOX
LVT+

ECOLAY+
EASIEST & STRONGEST GLUELESS LVT

Engineered Premium Performance

Unrivaled Performance, Engineered with NOX Technology
ECOLAY+, The Premium Standard in Flooring







NOX Corp.

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

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

ENGINEERED PREMIUM PERFORMANCE

01

Proven world-class quality, recognized in 50+ countries for 20 years

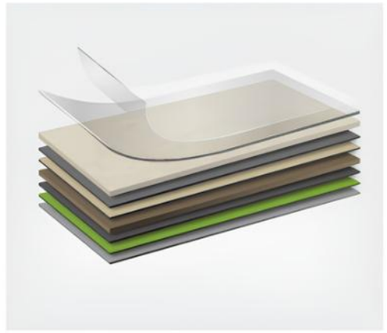
More stable flooring - built to last

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



02

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**



1.3× superior slip resistance for greater safety

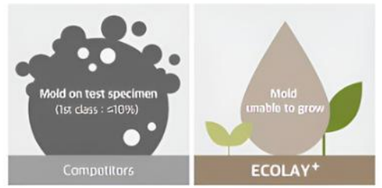
Advanced slip-resistant technology for superior walking safety and stability.

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



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.



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 자세대세계일류상품

ENGINEERED PREMIUM PERFORMANCE

03

World's first carbon-reducing materials conversion

More sustainable flooring



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 | 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

04

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.
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.
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.

05

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.



06

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.

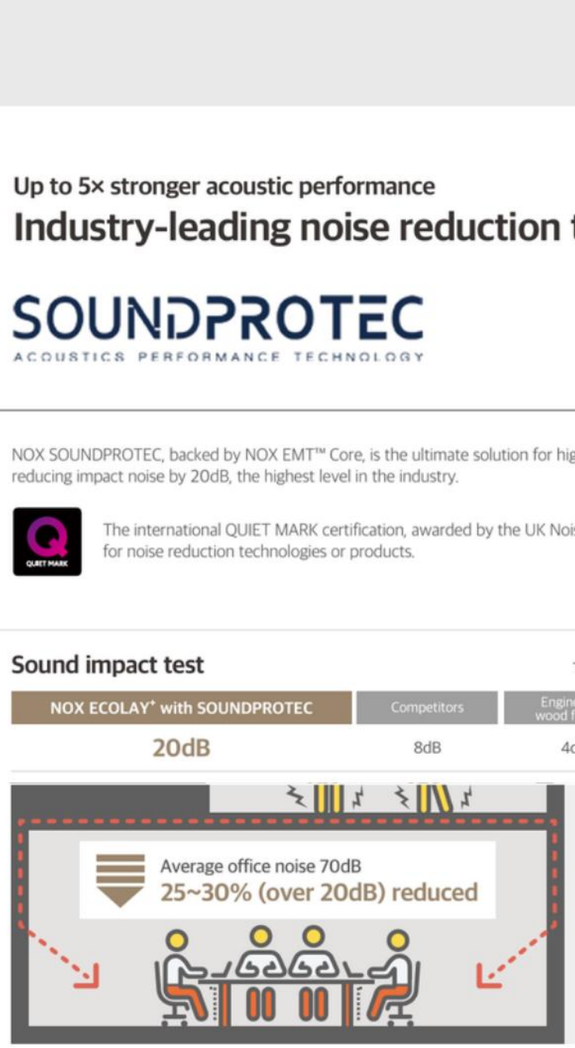
The international QUIET MARK certification, awarded by the UK Noise Abatement Society (NAS) for noise reduction technologies or products.

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



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.



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.

07

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

N.G

Natural Grout

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

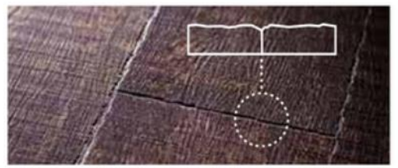


R.E

Rustic Edge

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

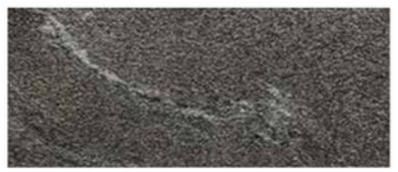


EIR

Embossed in Register

NOX's unparalleled technology realizing depth and texture of the design.

• Applicable: ELT 53515, ELT 53516, ELT 53517



08

Award-winning design

Design curation for a more stylish space

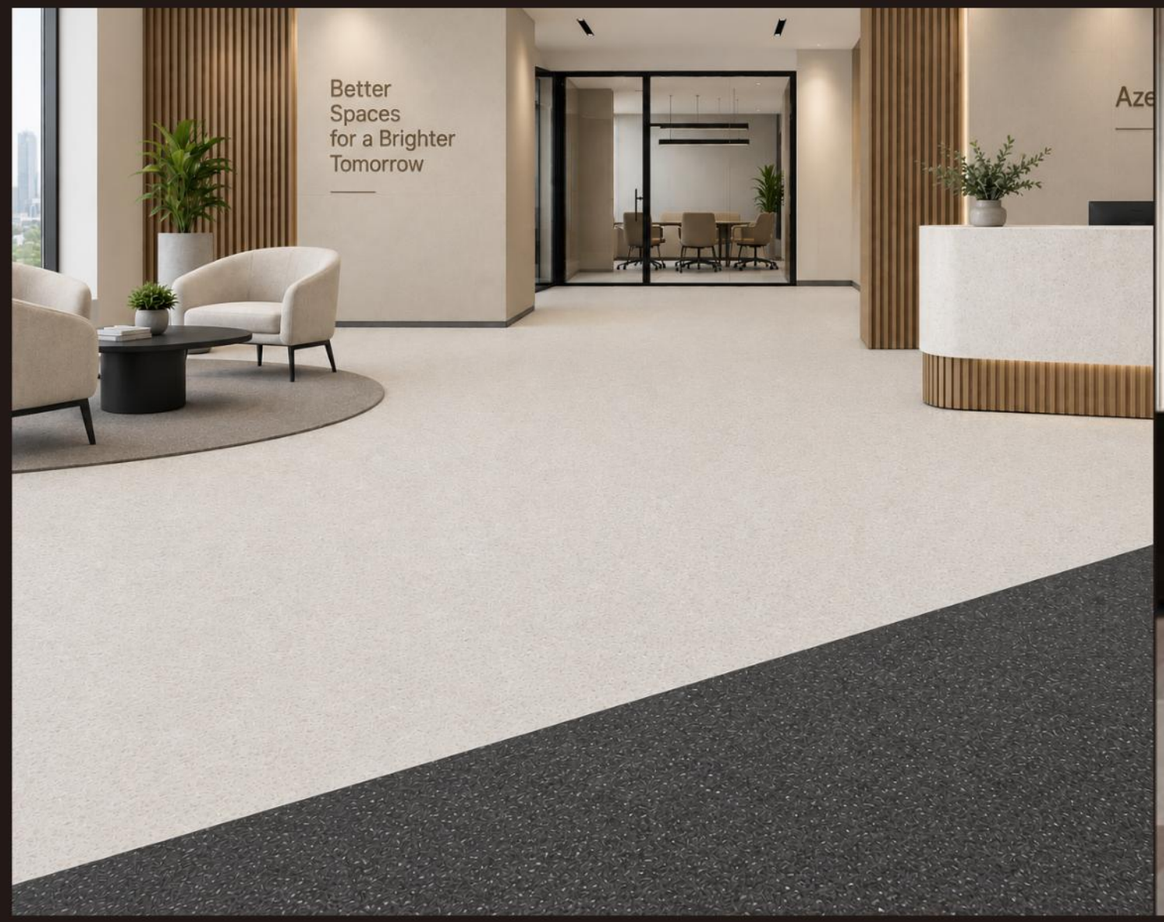
NOX offers the world's leading and largest in-house design solution, with over 6,000 designs that have won world-renowned awards and continue to set global flooring trends. Discover NOX's exclusive design curation, featuring the most realistic and detailed portrayals of stone and wood, backed by proven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

iF DESIGN AWARD 2024 · Best of NeoCon · 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

ENGINEERED PREMIUM PERFORMANCE



01

Timeless
Terrazzo

RETAIL
CORPORATE
HEALTHCARE



02

Elevated
Modernity

RETAIL
CORPORATE
HEALTHCARE

ENGINEERED PREMIUM PERFORMANCE

01

TIMELESS
TERRAZZO

Terrazzo

-

ELT-44711

ELT-44712

600 × 600mm

본 카탈로그에 사용된 이미지는 인쇄 특성상 실제 제품과 차이가 있을 수 있습니다.



Hinting at an expanded possibility in same texture combination, natural terrazzo of a refined earth tone and speckled terrazzo come together to add unique scale to the terrazzo's timeless beauty.

ELT-44702/ ELT-48907

본 카탈로그에 사용된 이미지는 인쇄 특성상 실제 제품과 차이가 있을 수 있습니다.



ELT-44711
Terrazzo



ELT-44712
Terrazzo



INFINITE DESIGN SPECTRUM

ELT-44711

STONE
CONCRETE

GRANO
600 × 600mm

ELT-51905

VELVET
600 × 600mm

ELT-56309

GRANO
600 ×1200mm

ELT-51902

ELT-51905

02

Elevated **Modernity**

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

ENGINEERED PREMIUM PERFORMANCE

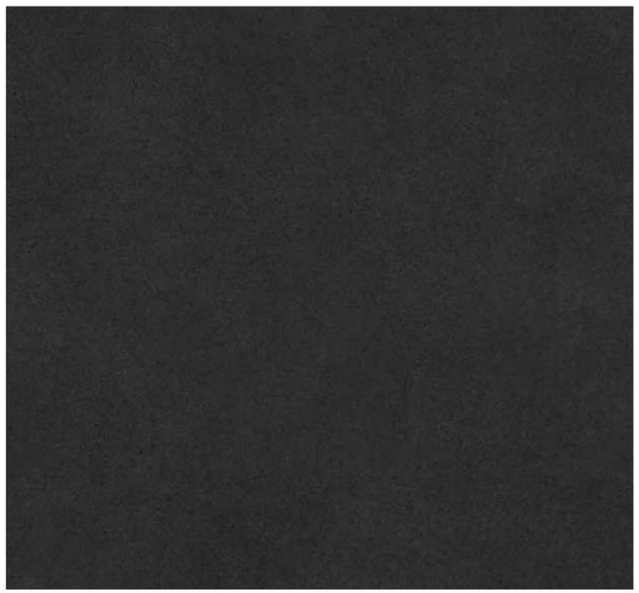
GRANO
600 × 600mm



ELT-51905

CONCRETE

VELVET
600 × 600mm



ELT-56309



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

ENGINEERED PREMIUM PERFORMANCE



GRANO
600 × 1200mm



ELT-51902



ELT-51905

시공 시 주의사항 (Installation Guidelines)

종 류(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	Areas 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/m^2)	1.3 ~ 1.5kg/평 (0.40 ~ 0.45kg/m^2)

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 보수제로 반드시 보수하여 주십시오.
- 시공 장소는 18°C 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°C 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)

KTR KOREA TESTING & RESEARCH INSTITUTE

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	No significant color or gloss changes	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		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
Applicati on: 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	0.55 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		6	2.23 m²
600 × 1,200 mm		4	2.88 m²
457.2 × 914.4 mm		6	2.51 m²

ENGINEERED PREMIUM PERFORMANCE