



ISO 9001:2015

ISO 14001:2015



NEW STANDARD OF LUXURY FLOORING

NEW STANDARD OF LUXURY  
FLOORING

# NEOFL

## Bring Nature Home

NEOFL is the new standard of luxury flooring. Its flooring collections are produced by the world-class quality control system.

NEOFL is applicable safely in your everyday life by applying an organic and inorganic hybrid antibacterial agent. Further, the application of our enhanced PU coating technology, it featured higher durability for scratches. With its proven quality and reliability, we are proudly supplying it to our customers over the world including the US, EU, and Australia.

Our brand-new collections are available in various type of products like conventional 'Dryback', 'Looselay' for easier installation without adhesives and enhanced safety with non-slip layer, and 'Acoustic' which reduces floor noise.

## Excellence of NEOFL



### • Clean Flooring

Application of US EPA approved organic and inorganic hybrid. Antibacterial agents keep the floor clean from the harmful bacteria.



### • Think Green

To contribute to the green environment, NEOFL controls from the material procurement to the production to minimize its environmental effect.



### • High-density PU Coating

Provides higher durability and longer lifetime compared to normal PU coating.



### • Innovative Design Collections

Wider range of flooring design collections are available for each type of floorings and sizes.

## Certificates



- KC / Korea Safety Certificate
- KS / Korean Industrial Standards
- ISO 9001 : 2015 (German Cert) / Quality Management System Certificate
- ISO 14001 : 2015 (German Cert) / Environmental Management System Certificate
- Floor Score
- CE

## Grand Wood Design Extra Wide & Long Design

Realize the natural variations of Real Wood through Extra Wide (9") & Long (60") Design  
Express interior that special spacious appearance



228.6 mm × 1524 mm (9" × 60")



177.8 mm × 1219.2 mm (7" × 48")

## Dryback High performance, multipurpose glue down flooring

- Eco-friendly various function flooring
- EPA approved hybrid antibacterial agents applied
- High-density PU coating for longer lifetime
- Variable design collections for residential or commercial use



Application of US EPA approved organic and inorganic hybrid antibacterial agents



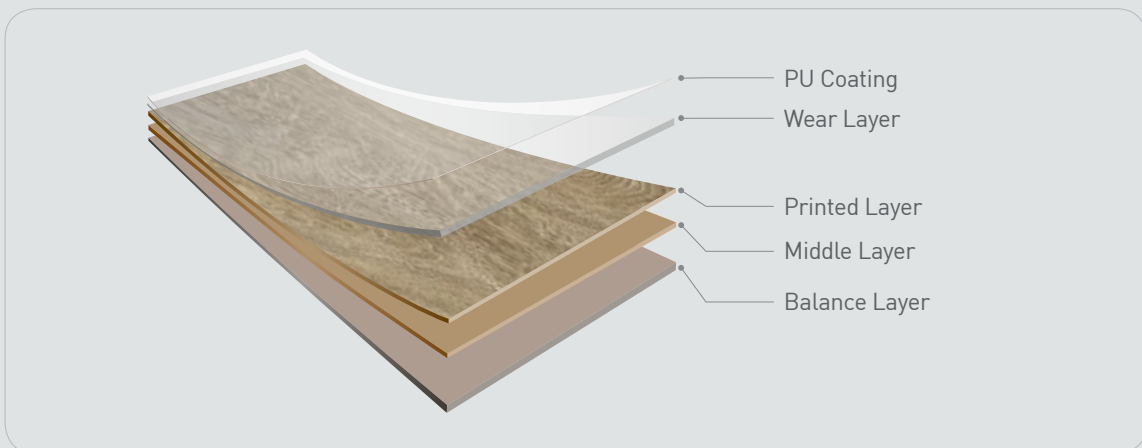
High Density PU Coating



Minimized Environmental Effect



Various Color / Pattern Design Collection



# Looselay-NS Luxury vinyl flooring for improving life

- Supreme durability
- Specially Designed non-slip layer
- Glass fiber layer for enhanced reliability in severe temperature conditions
- Easy installation and maintenance without adhesive
- EPA approved hybrid antibacterial agents applied
- High-density PU coating for longer lifetime



Application of US EPA approved organic and inorganic hybrid antibacterial agents



Excellent stability in severe thermal environments with a glass fiber layer



Minimized Environmental Effect



Easy installation without adhesive



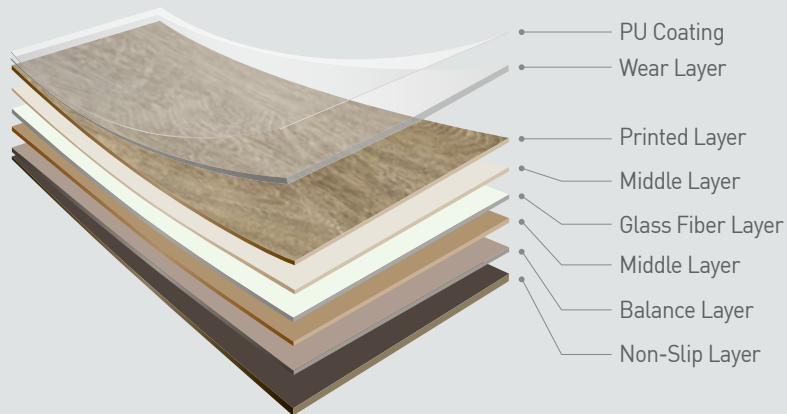
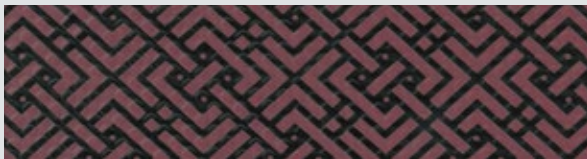
High Density PU Coating



Non-slip Function



Various Color / Pattern Design Collection





# Acoustic Quality vinyl flooring for sound absorption

- Special sound absorption layer with non-slip function
- Glass fiber layer for enhanced reliability in severe temperature conditions
- EPA approved hybrid antibacterial agents applied
- High-density PU coating for longer lifetime
- Glueless installation



Application of US EPA approved organic and inorganic hybrid antibacterial agents



Excellent stability in severe thermal environments with a glass fiber layer



Minimized Environmental Effect



Easy installation without adhesive



High Density PU Coating



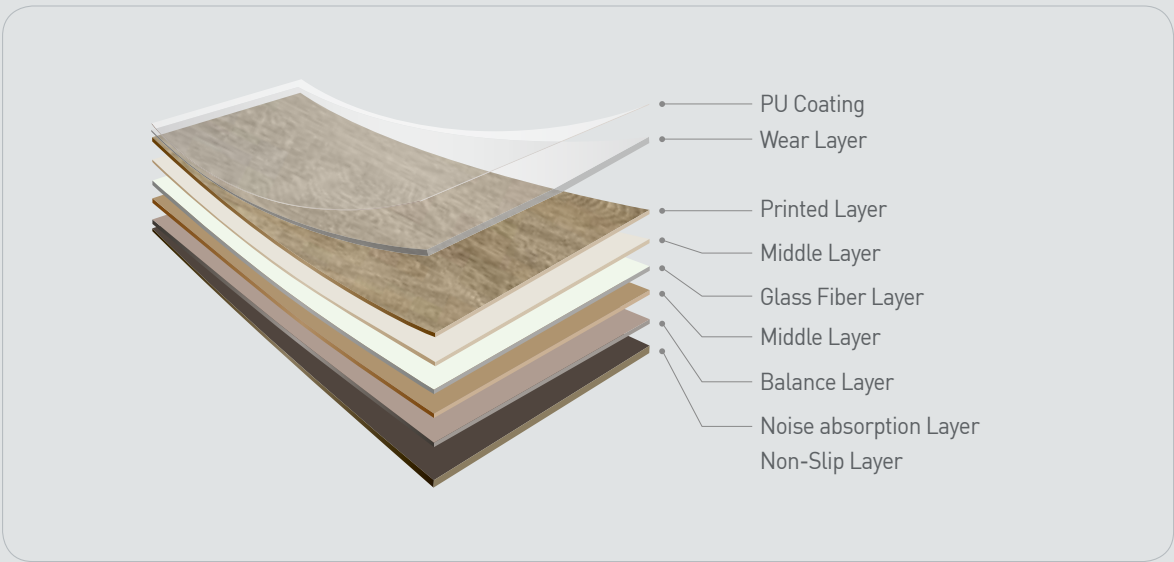
Non-slip Function



Various Color / Pattern Design Collection



Make a quiet environment with the noise prevention layer



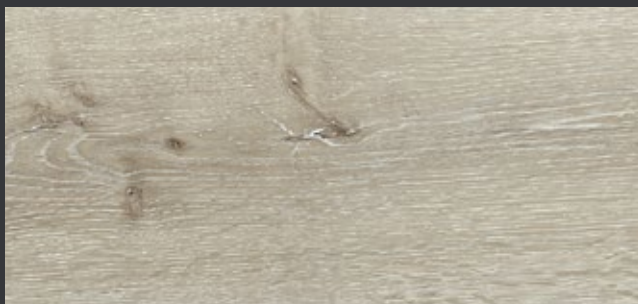


EW 3082

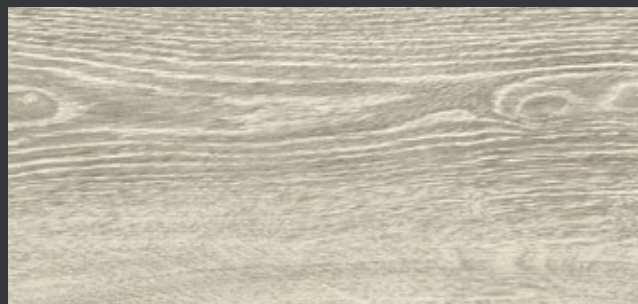
# Grand Wood series

Modern Mild

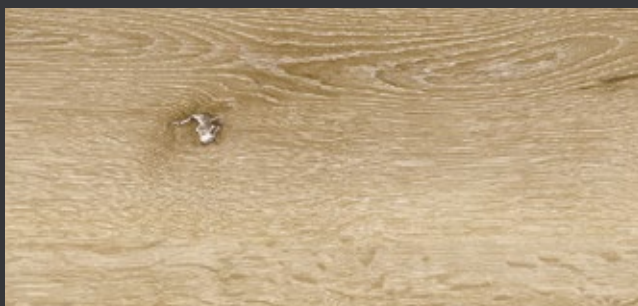
• Dimensions 3.0 mm(T) × 9"(W) × 60"(L) • Packing 13 pcs / 4.53 m<sup>2</sup>



EW 3071



EW 3081



EW 3072



EW 3082



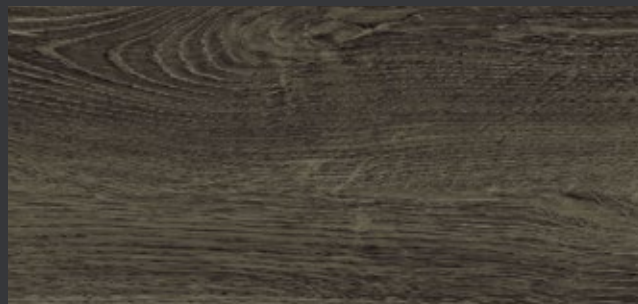
EW 3073



EW 3083



EW 3074



EW 3084

■ These printed patterns can be different from real products in colors and texture.







# Grand Wood series

Unique Wild

• Dimensions 3.0 mm(T) × 9"(W) × 60"(L) • Packing 13 pcs / 4.53 m<sup>2</sup>



EW 2011



EW 2021



EW 2012



EW 2022



EW 2013



EW 2023



EW 2014



EW 2024

■ These printed patterns can be different from real products in colors and texture.



EW 3021

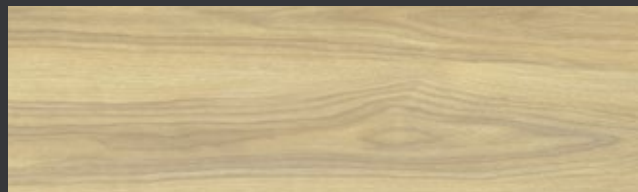


# Modern Mild

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L)
- Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L)
- Packing 13 pcs / 3.62 m<sup>2</sup>



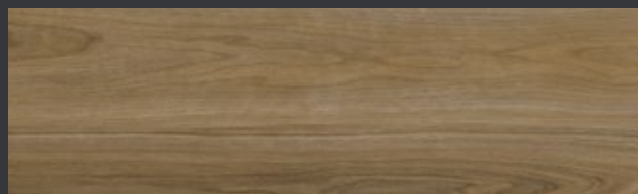
EW 3001



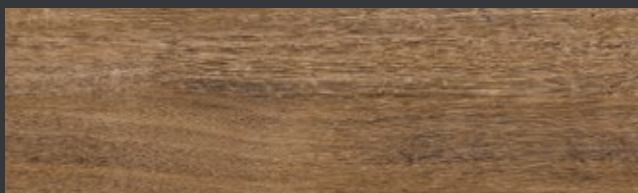
EW 3013



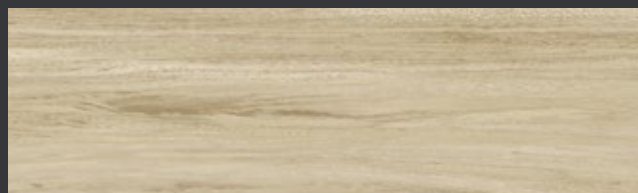
EW 3002



EW 3014



EW 3003



EW 3021



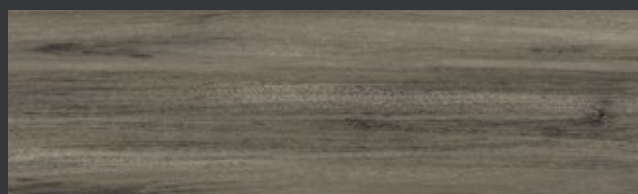
EW 3004



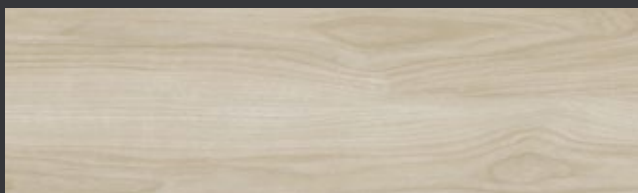
EW 3022



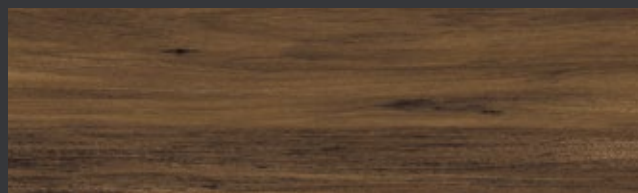
EW 3011



EW 3023



EW 3012



EW 3024





EW 3041

# Modern Mild

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L)
- Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L)
- Packing 13 pcs / 3.62 m<sup>2</sup>



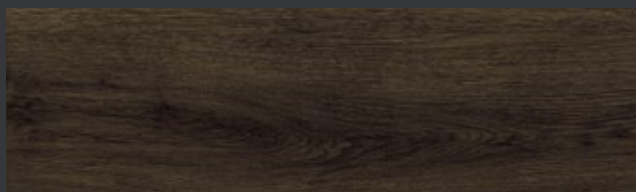
EW 3031



EW 3043



EW 3032



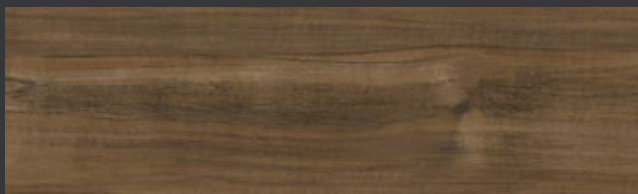
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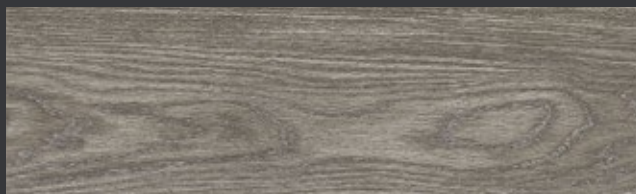
EW 3033



EW 3051



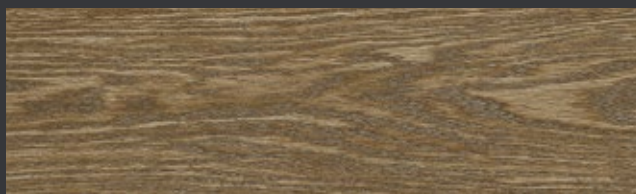
EW 3034



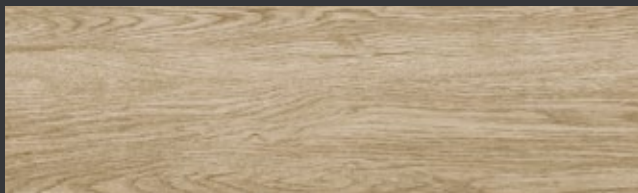
EW 3052



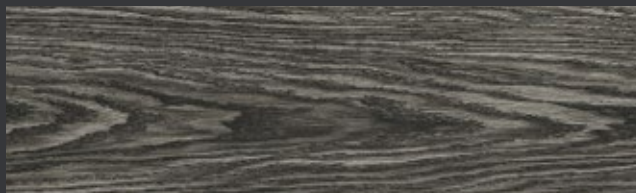
EW 3041



EW 3053



EW 3042



EW 3054





EW 3063



# Modern Mild

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L)
- Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L)
- Packing 13 pcs / 3.62 m<sup>2</sup>



EW 3061



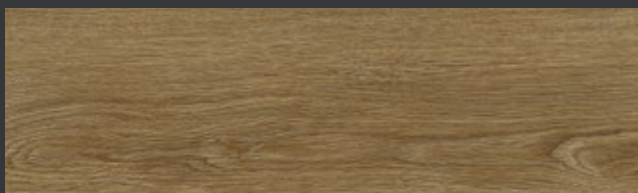
EW 3091



EW 3062



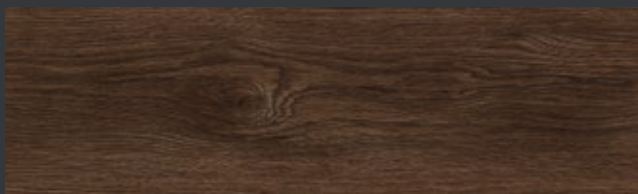
EW 3092



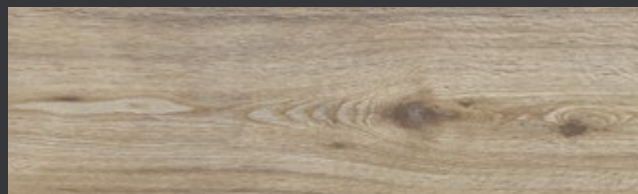
EW 3063



EW 3093



EW 3064



EW 3094



EW 3091





EW 1022



# Soft Wood

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L) • Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L) • Packing 13 pcs / 3.62 m<sup>2</sup>



EW 1001



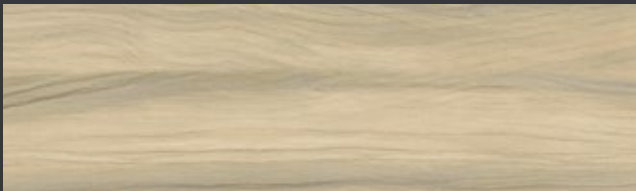
EW 1013



EW 1002



EW 1014



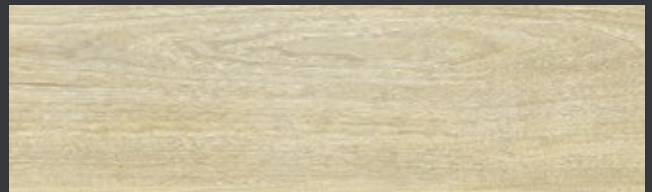
EW 1003



EW 1021



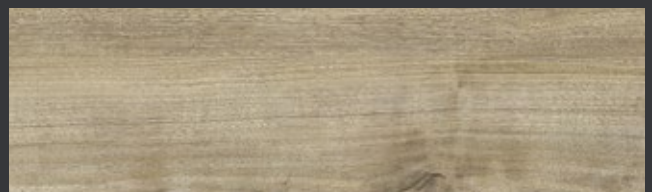
EW 1004



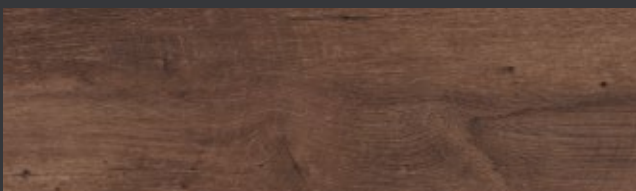
EW 1022



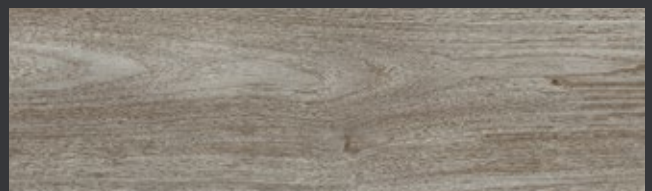
EW 1011



EW 1023



EW 1012



EW 1024





EW 1034



# Soft Wood

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L)
- Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L)
- Packing 13 pcs / 3.62 m<sup>2</sup>



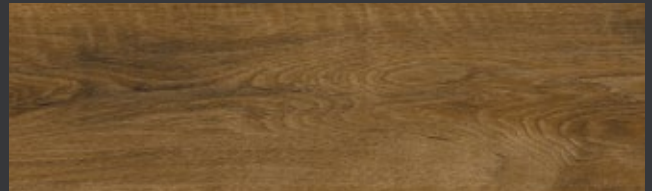
EW 1031



EW 1032



EW 1033



EW 1034



EW 1013





EW 2031

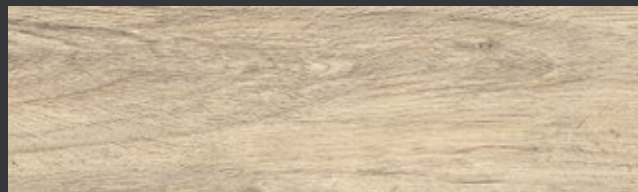


# Unique Wild

- Dimensions 3.0 mm(T) × 7"(W) × 48"(L)
- Packing 15 pcs / 3.25 m<sup>2</sup>
- Dimensions 3.0 mm(T) × 9"(W) × 48"(L)
- Packing 13 pcs / 3.62 m<sup>2</sup>



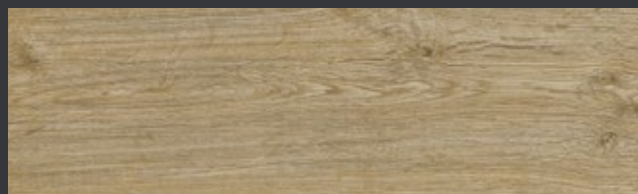
EW 2001



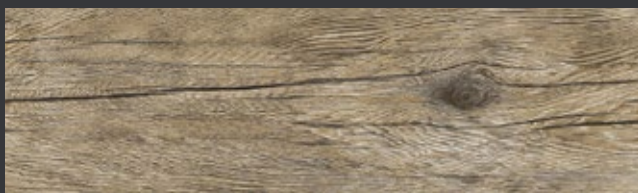
EW 2031



EW 2002



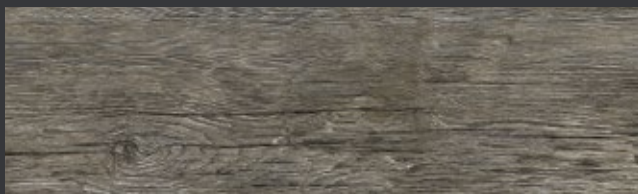
EW 2032



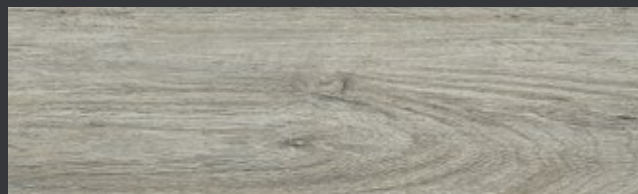
EW 2003



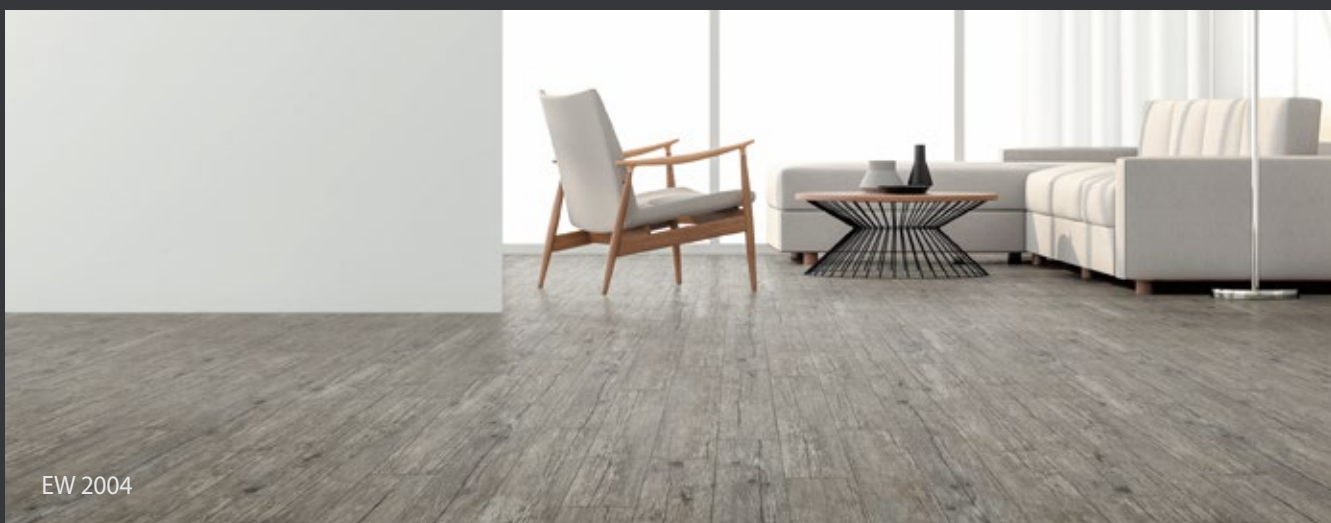
EW 2033



EW 2004



EW 2034



EW 2004



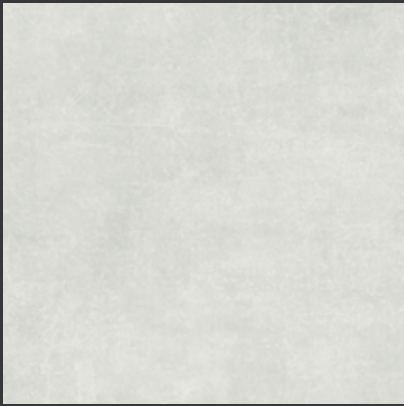
EM G004



# 600 Square series

• Dimensions 3.0 mm(T) × 600 mm(W) × 600 mm(L) • Packing 9 pcs / 3.24 m<sup>2</sup>

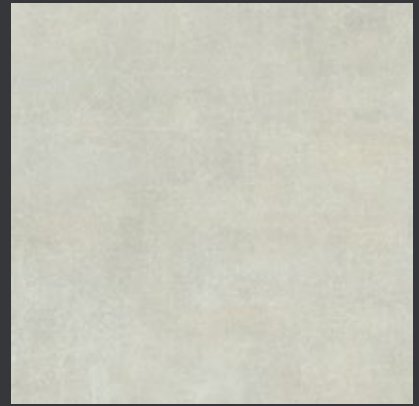
Concrete / Marble



ECT G001



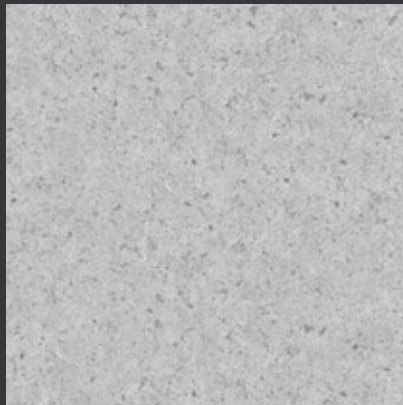
ECT G002



ECT G003



ECT G004



EM G001



EM G002



EM G003



EM G004



EM 301



# 470 Square series

• Dimensions 3.0 mm(T) × 470 mm(W) × 470 mm(L) • Packing 15 pcs / 3.31 m<sup>2</sup>

Concrete / Marble / Slate



ECT 101



ECT 102



ECT 103



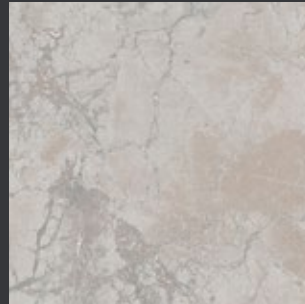
ECT 104



EM 301



EM 302



EM 303



EM 304



EM 311



EM 312



EM 313



EM 314



ES 501



ES 502



ES 503



ES 504

■ These printed patterns can be different from real products in colors and texture.

# Product Specifications

## Dryback (Glue down)

Thickness	Wear Layer (mm)	Width & Length (mm)	per CTN	20FT Container Loading Quantity
2 mm	0.1	184 × 950	28 pcs (4.89 SQM)	4,890 sqm (1,000 CTN)
	0.15	177.8 × 1,219.2 (7" × 48")	22 pcs (4.77 SQM)	4,770 sqm (1,000 CTN)
	0.2	228.6 × 1,219.2 (9" × 48")	20 pcs (5.57 SQM)	5,570 sqm (1,000 CTN)
	0.3	470 × 470	22 pcs (4.86 SQM)	4,860 sqm (1,000 CTN)
	0.5	184 × 950	19 pcs (3.32 SQM)	3,320 sqm (1,000 CTN)
3 mm	0.1	177.8 × 1,219.2 (7" × 48")	15 pcs (3.25 SQM)	3,250 sqm (1,000 CTN)
	0.2	228.6 × 1,219.2 (9" × 48")	13 pcs (3.62 SQM)	3,620 sqm (1,000 CTN)
	0.3	228.6 × 1,524 (9" × 60")	13 pcs (4.53 SQM)	3,298 sqm (728 CTN)
	0.5	470 × 470	15 pcs (3.31 SQM)	3,310 sqm (1,000 CTN)
	0.55	600 × 600	9 pcs (3.24 SQM)	3,240 sqm (1,000 CTN)
	0.7	184 × 950	19 pcs (3.32 SQM)	3,320 sqm (1,000 CTN)
	0.7	177.8 × 1,219.2 (7" × 48")	15 pcs (3.25 SQM)	3,250 sqm (1,000 CTN)

## Loose Lay-NS (Non-Slip, Dryback)

Thickness	Wear Layer (mm)	Width & Length (mm)	per CTN	20FT Container Loading Quantity
5 mm	0.3	177.8 × 1,219.2 (7" × 48")	10 pcs (2.17 SQM)	2,170 sqm (1,000 CTN)
		228.6 × 1,219.2 (9" × 48")	8 pcs (2.23 SQM)	2,230 sqm (1,000 CTN)
	0.5	228.6 × 1,524 (9" × 60")	8 pcs (2.79 SQM)	2,031 sqm (728 CTN)
	0.55	470 × 470	10 pcs (2.21 SQM)	2,210 sqm (1,000 CTN)
	0.7	470 × 470	10 pcs (2.21 SQM)	2,210 sqm (1,000 CTN)
		600 × 600	7 pcs (2.52 SQM)	2,520 sqm (1,000 CTN)

## Acoustic (Non-Slip)

Thickness	Wear Layer (mm)	Width & Length (mm)	per CTN	20FT Container Loading Quantity
5 mm	0.5	177.8 × 1,219.2 (7" × 48")	10 pcs (2.17 SQM)	2,170 sqm (1,000 CTN)



EW 3072



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## Installation Manual & Quality Control

### 1. Floor surface inspection

- 1) Before Installation, it is required to be smooth without unevenness and bending of the existing floor surface.  
Mortar strength should be strong enough for the entire surface adhesion.
- 2) Fill the cracks in the floor and remove all the substances such as oil and wax in advance to prevent defects after installation.
- 3) Check if the surface strength of the floor is sufficient.
- 4) In case of reconstructed floor, overlapping installation is prohibited. (Remove existing floor at first)
- 5) Check the dryness of the floor and ensure the drying time in case of moisture remaining. (Check humidity below 5%)  
For a new building, allow sufficient curing period to reduce humidity to below 5% before installation.

### 2. Installation environment check

- 1) The temperature of the PVC flooring installation site should be maintained at 18 ~ 24 °C.  
In winter, maintain adequate heating prior to construction to ensure maximum temperature compliance.  
Do not perform the installation of the tiles, if the temperature is under 10 °C.

### 3. Preparation before installation

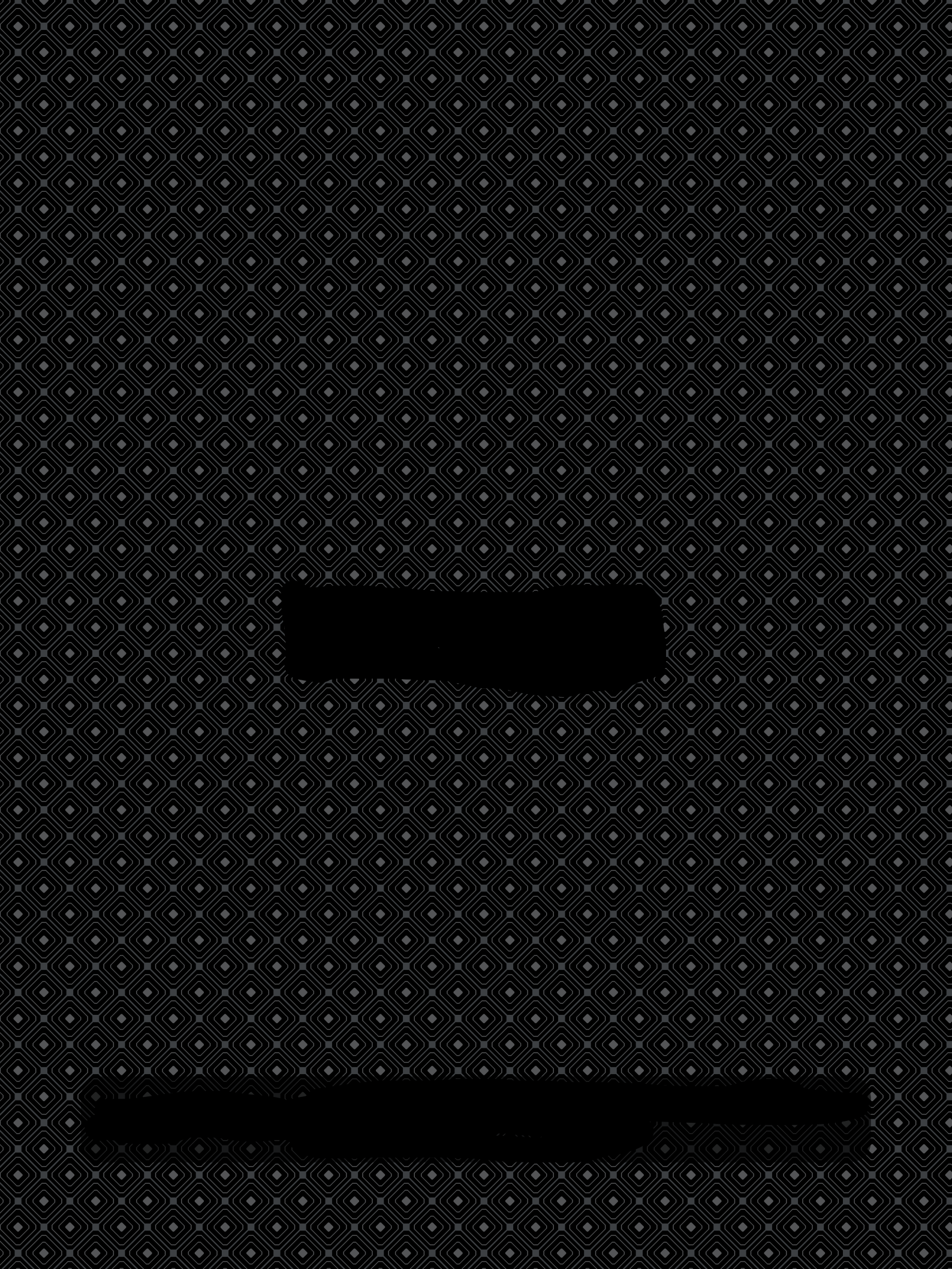
- 1) The products brought into the installation site are classified by the lot and color of the product. (prepared as the same lot product)
- 2) The product and adhesives are transported to the installation site 24 hours in advance so that the materials can adapt to temperature and humidity.

### 4. Installation

- 1) Draw Centerline
  - Minimize the number of tiles to be installed and allow edges to be installed at least 1/2 of the tile size. Divide the floor into squares.
  - Mark the center line with a black line.
  - The intersection of the centerlines should be at right angles.
  - Since the centerline is the standard for the entire installation, perform the installation while checking parallelism and perpendicularity.
- 2) Adhesive application
  - Apply adhesive from the part farthest from the entrance from the centerline as a reference point.
  - Observe the open time and life after applying the adhesive. (Open time: 15-20 minutes / Lifetime: 40-50 minutes)
  - The amount of adhesive applied is adjusted within 500g ~ 1000g / 3.3m<sup>2</sup> according to the condition of the floor.  
(When adhesive coating amount is insufficient, the adhesive strength is weakened, so there is a problem in product seating and side lifting occurs.)
- 3) After observing the open time, examine the direction of the arrow on the back of the tile and install it in a certain direction.  
Install in the direction of 'L' from the centerline.
  - Apply adhesive from the part farthest from the entrance from the centerline as reference point.
- 4) Do not install to put the product only on the floor.  
Always keep the product in close contact with the floor so that there is no loose space or lifting.  
Also check frequently and if it is not tight enough, immediately compress it.
- 5) Wall and other finishing work
  - When cutting the wall side, cut the product 1mm small from the wall and let it enter naturally and ensure complete adhesion.
  - The seams that change color or pattern should be placed at the centerline of the lower part of the door when the door is closed.
  - After confirming the construction direction, cut the product from the backside.
  - Be sure to use adhesive at entrances, stairs, slopes, places with heavy loads, and places with frequent walking, and apply to the front to prevent rolling.

### 5. Quality control on-site after installation

- 1) Maintain 18 ~ 24 °C for 24 ~ 48 hours before and after installation.
- 2) After installation, press the entire tile installations with 60 ~ 70 kg roller to finish it without lifting.
- 3) Check the product's direction, joints, contamination, lifting, and color difference carefully.
- 4) Examining the finish condition of the site where the wall meets.







EW 1034