

# Bring value to your space.

We live in an age where people can connect easily — anyone, anywhere, anytime.

People now demand more value than ever from the spaces where they come together and spend their time.

Spaces that inspire. Spaces for relaxing and conversation.

Spaces for hard work and dedicated concentration.

Maximize the value of communication, by choosing the right floor design for the right setting .

## Designing Communication



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# Multi-functionality for dramatic spaces

LAY FLAT TILE NO WAX are easy to install and easy to maintain, and feature bacterial resistance and an attractive, subdued gloss. The rich and varied product lineup is perfect for a variety of settings, including but not limited to office spaces with raised floors for wiring.

**NO WAX**  **Antibacterial**

Create unique spaces that draw customers in

Use of different tiling in front of bathrooms where water can spill.



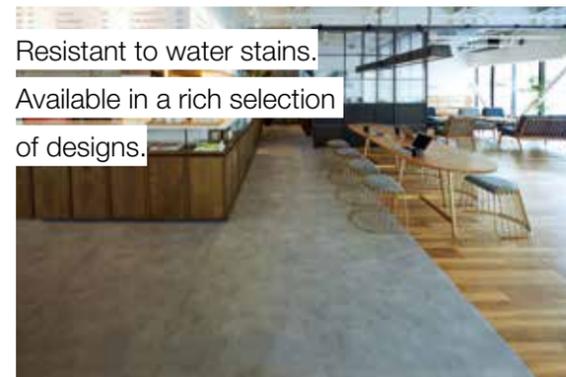
Design and functionality meet to create a higher level of comfort.

## Hotel

## Cafe



Resistant to water stains. Available in a rich selection of designs.



Create warm, hygienic spaces where everyone can feel comfortable and safe

Antibacterial flooring is perfect for medical settings where blood and fluids may be present.

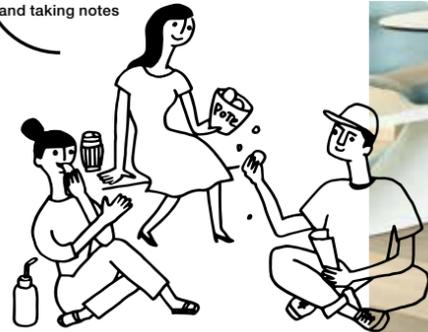


A smooth transition between concentration and refreshment

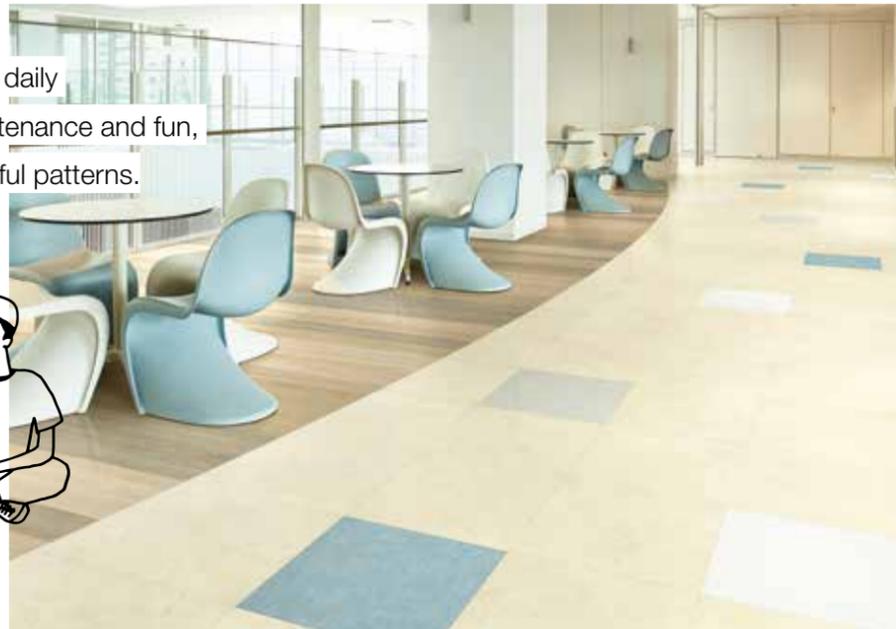


## Clinic

School is a space for more than just sitting at desks and taking notes



Easy daily maintenance and fun, colorful patterns.



## School

Create understated, academic atmospheres

## Library



Flooring to meet more diverse needs, such as for raised office floors or castor wheels.



## Office

001-A

**Image:** Stylish

**Data:** LN-1501  
LN-1533  
DMC-502 (DENIM FLOOR CT)

ORIFY column film (whiteboard type)



001-B

**Image:** Casual

**Data:** LN-1006  
LN-1507

ORIFY column film (whiteboard type)



001-C

**Image:** Elegant

**Data:** Front: LN-1503, LN-1504  
LN-1024, LN-1523  
Back: LN-1010, LN-1011

ORIFY column film (whiteboard type)



## Office

002-A

**Image:** Rustic

**Data:** LN-1008, LN-1009  
4020-7103 (TAPIS ARTELE)



002-B

**Image:** Contemporary

**Data:** LN-1003  
LN-1507



002-C

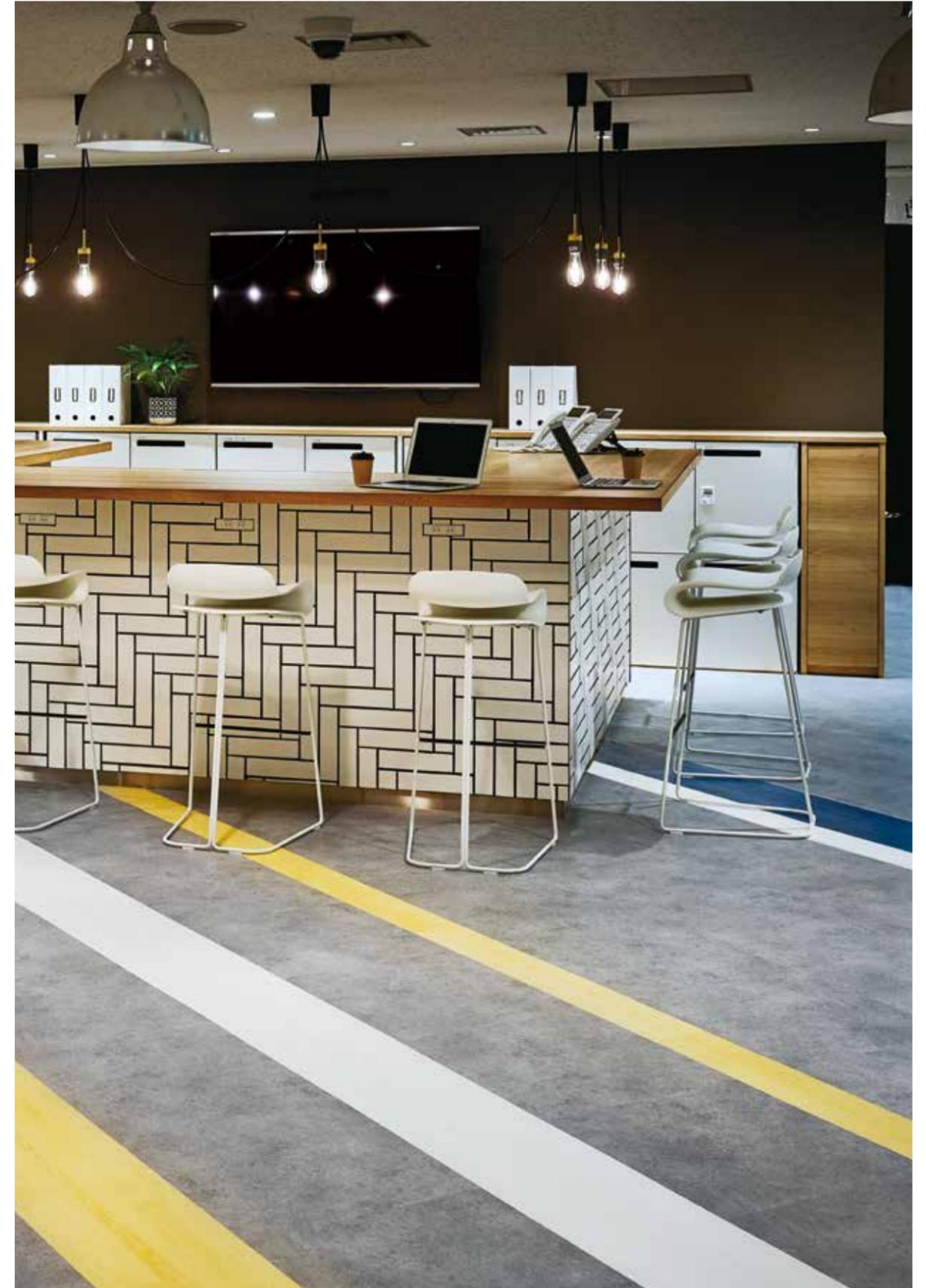
**Image:** Retro

**Data:** LN-1509  
LN-1526  
LN-1527  
LN-1528



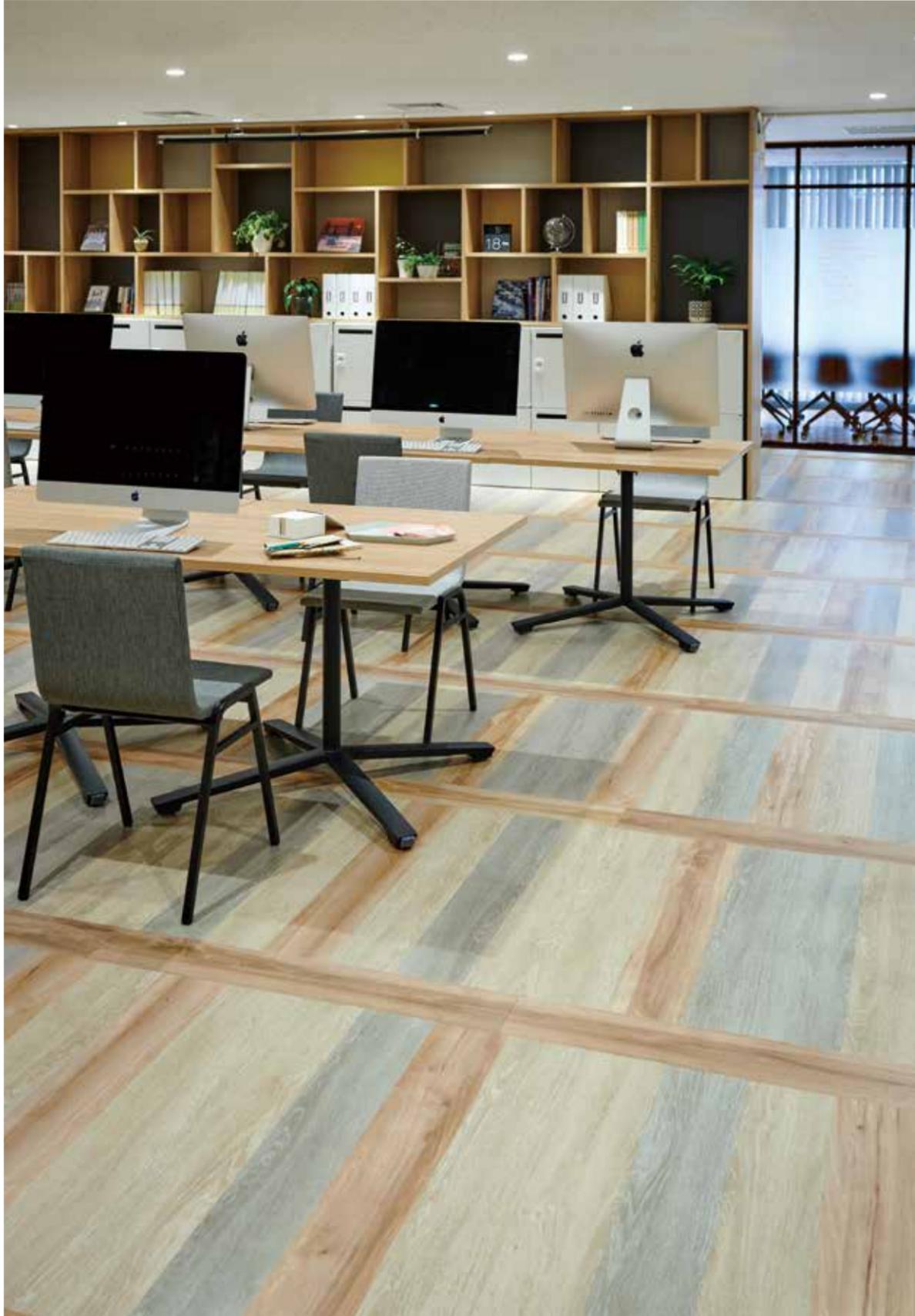
003

**Data:** LN-1005  
4010-7014 (TAPIS LUCIR)  
ORIFY glass film (random stripe)



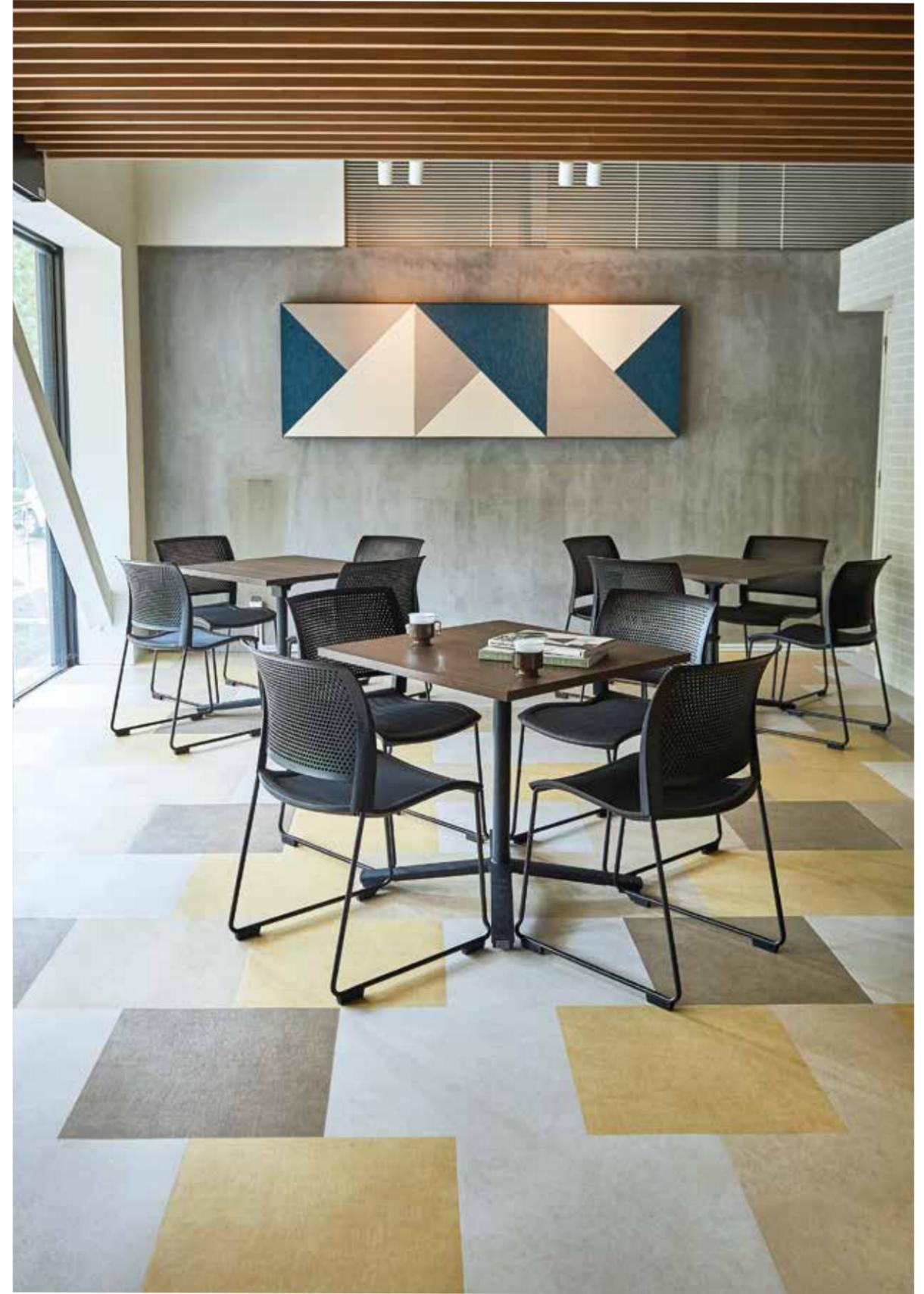
004

**Data:** LN-1023  
LN-1027  
LN-1030  
LN-1506



005

**Data:** LN-1010  
LN-1011  
LN-1017  
LN-1018



006

**Data:** LN-1510  
LN-1511  
LN-1525  
LN-1531



**Clinic** -Dialysis room-

**SPECIALIST'S VOICE**

**Be a medical facility chosen for comfort**

In the field of dialysis, markets such as travel dialysis and inbound medical tourism are growing. For patients, the average stay in a dialysis room lasts around 4 hours, making it a significant portion of their lives. As such, patients prefer comfortable, livable spaces. Partitioned, individual rooms have also grown more common, as a way to preserve privacy. For flooring in such areas I recommend familiar textures, such as wood, to help soften the clinical impression. Of course, during medical procedures floors can be exposed to blood or other fluids. Antibacterial LAY FLAT TILE NO WAX is easy to clean and ensures a hygienic environment, which is perfect for medical settings.

(Comment courtesy of Koji Kawazu, Managing Director, You Architectural Design Ltd.)

007-A

**Image:** Natural

**Data:** LN-1015  
LN-1018  
LN-1019  
LN-1516



007-B

**Image:** Japanese modern

**Data:** LN-1524  
LN-1530  
LN-1531  
LN-1532

ORIFY glass film (flat)



007-C

**Image:** Natural mid-century modern

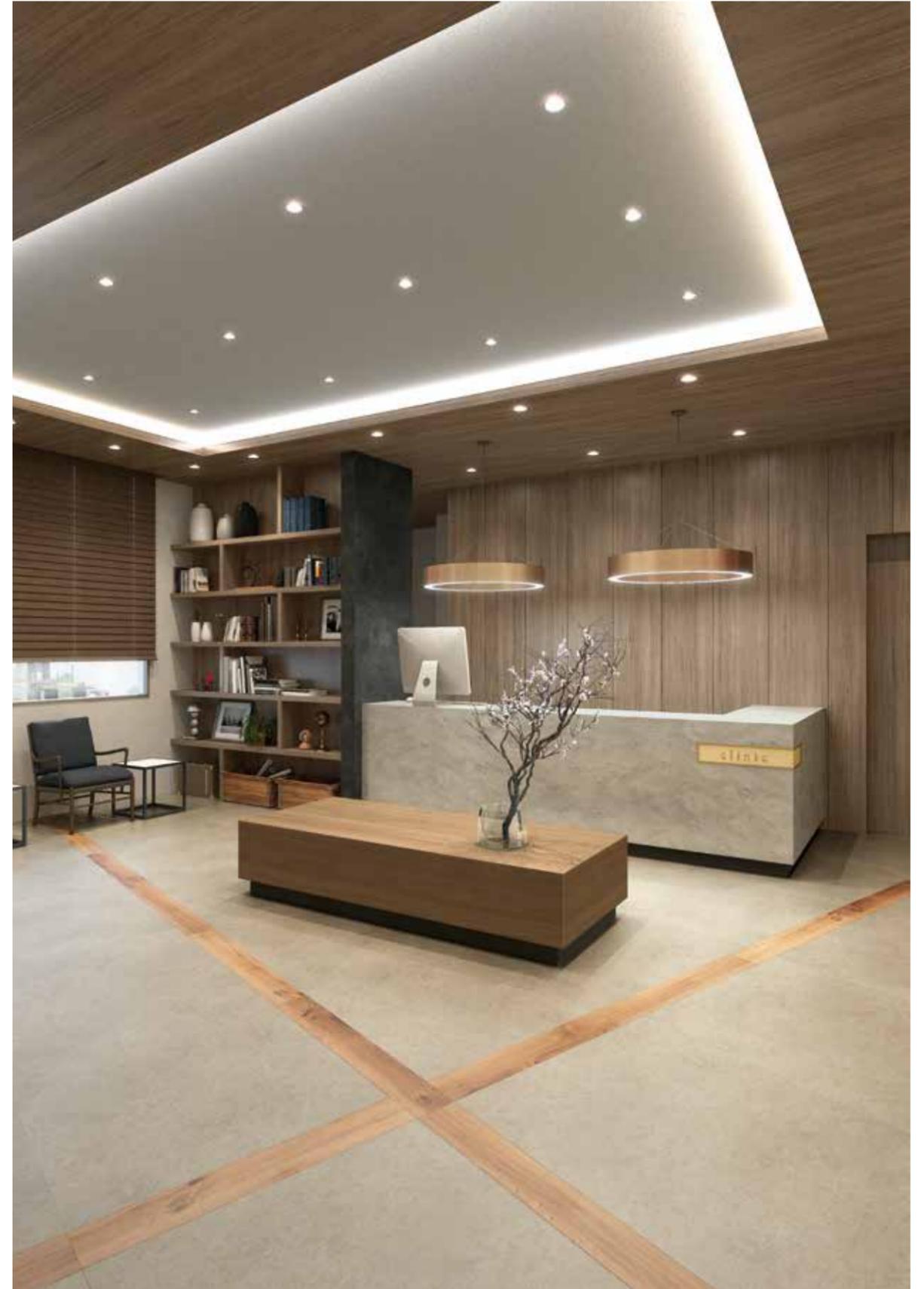
**Data:** LN-1012  
LN-1013

ORIFY glass film (narrow stripe)



008

**Data:** LN-1020  
LN-1510  
LN-1511



009

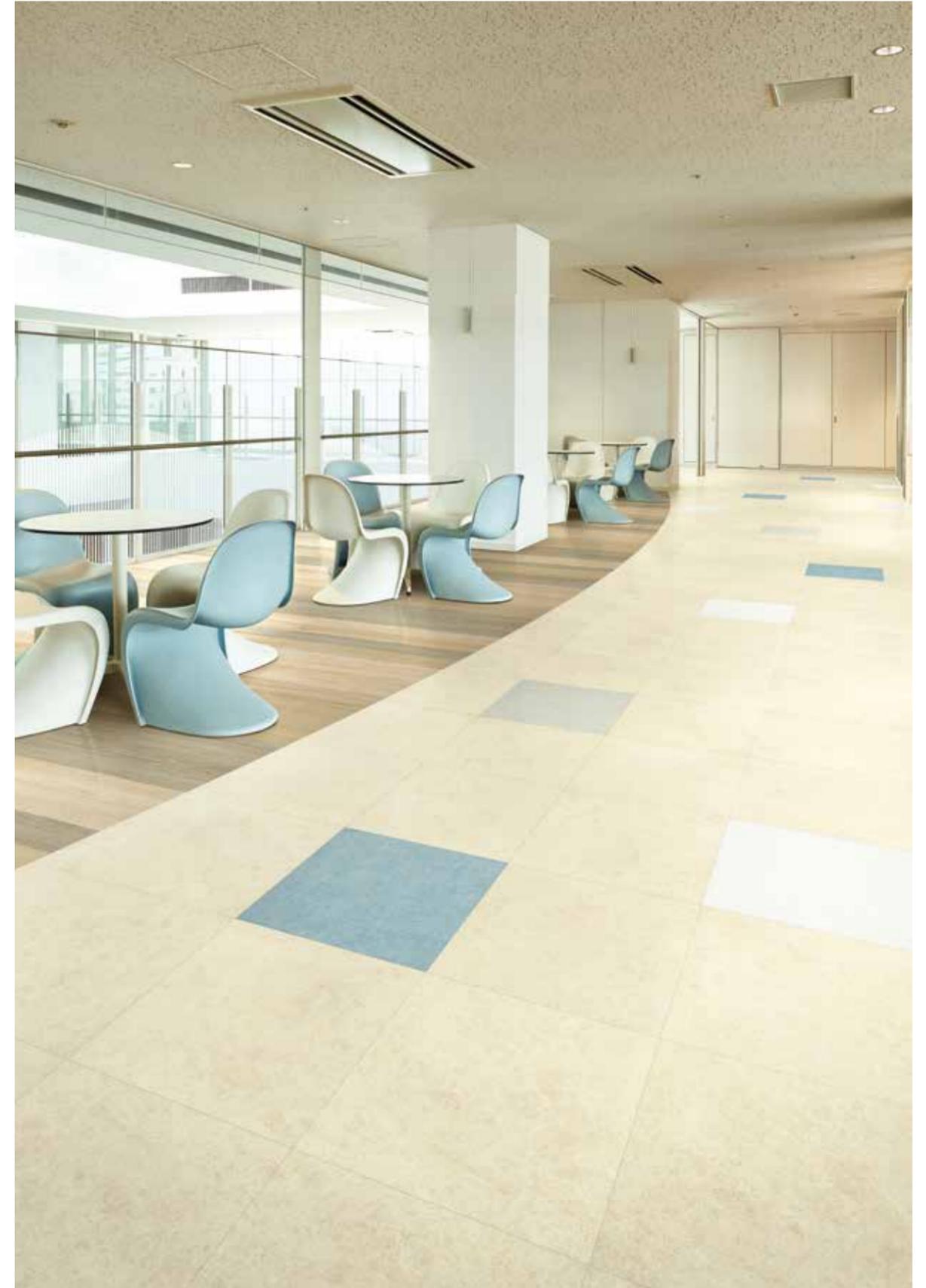
**Data:** LN-1009  
LN-1538



010

**Data:** LN-1007  
LN-1015

ORIFY glass film (random dot gradation)



011

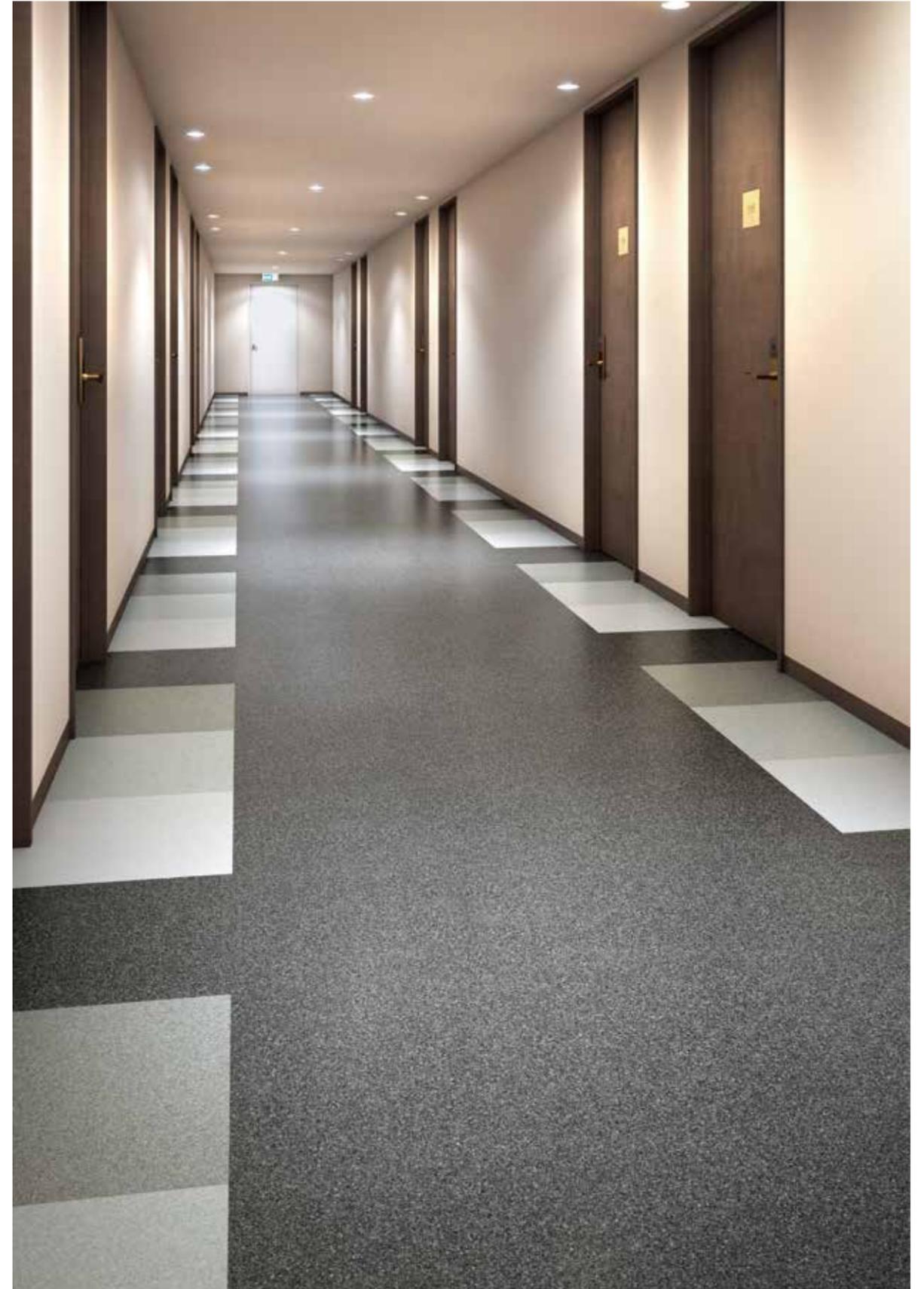
**Data:** LN-1015, LN-1017, LN-1018  
LN-1510, LN-1517, LN-1518, LN-1526

ORIFY glass film (wavy stripe)



012

**Data:** LN-1019  
4030-7204  
(TAPIS GRUNGENI)



013

**Data:** LN-1517  
LN-1518  
LN-1519  
LN-1520



## Pattern Variation

014-A

**Pattern:** Rough joint alignment

**Data:** LN-1017 (40%)  
LN-1018 (40%)  
LN-1022 (20%)

014-B

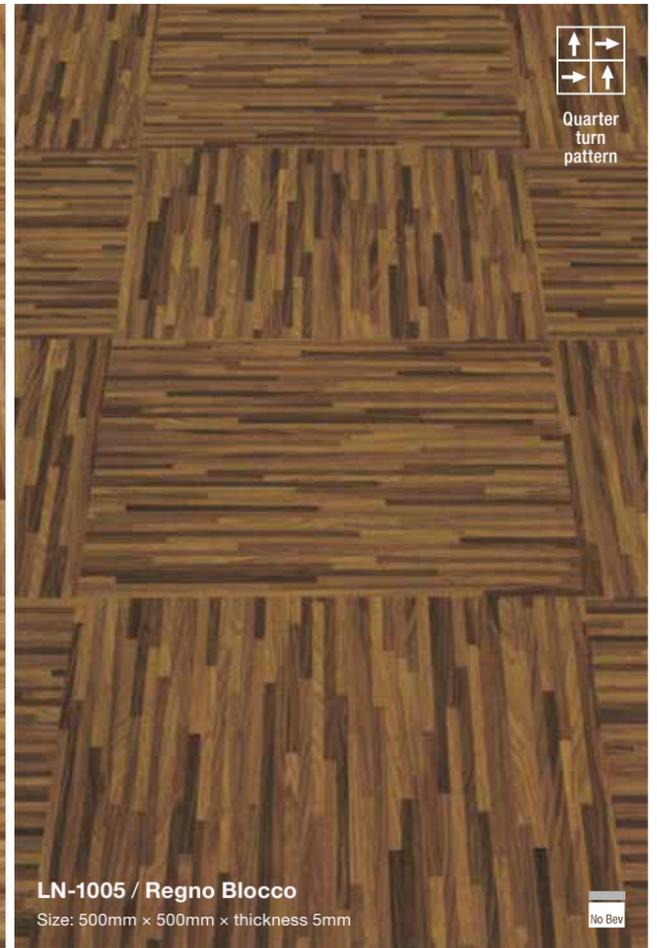
**Pattern:** 1/3 offset

**Data:** LN-1017 (40%)  
LN-1018 (40%)  
LN-1022 (20%)

014-C

**Pattern:** Herringbone pattern

**Data:** LN-1017 (50%)  
LN-1018 (30%)  
LN-1022 (20%)





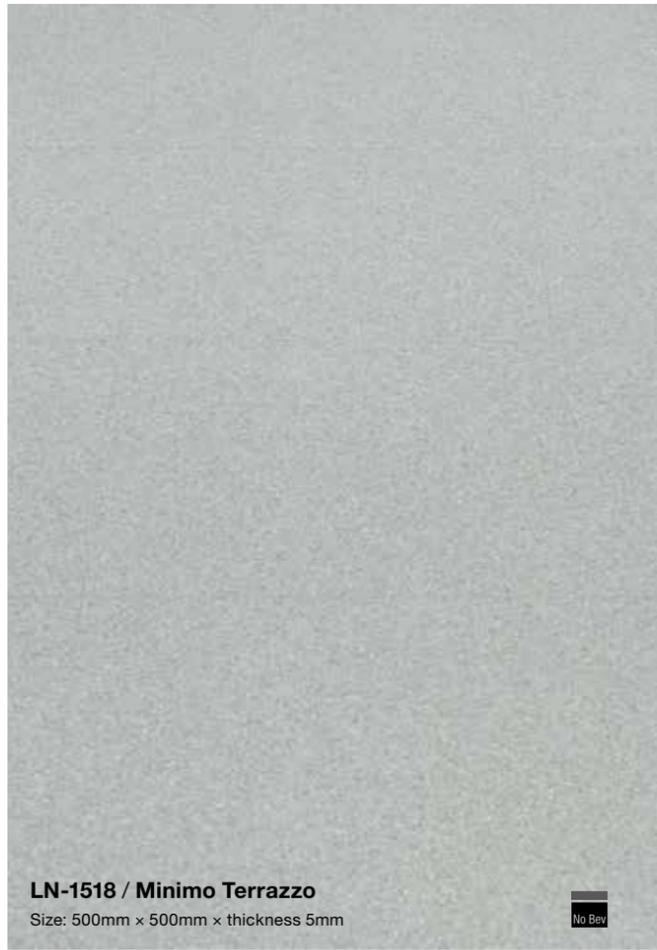


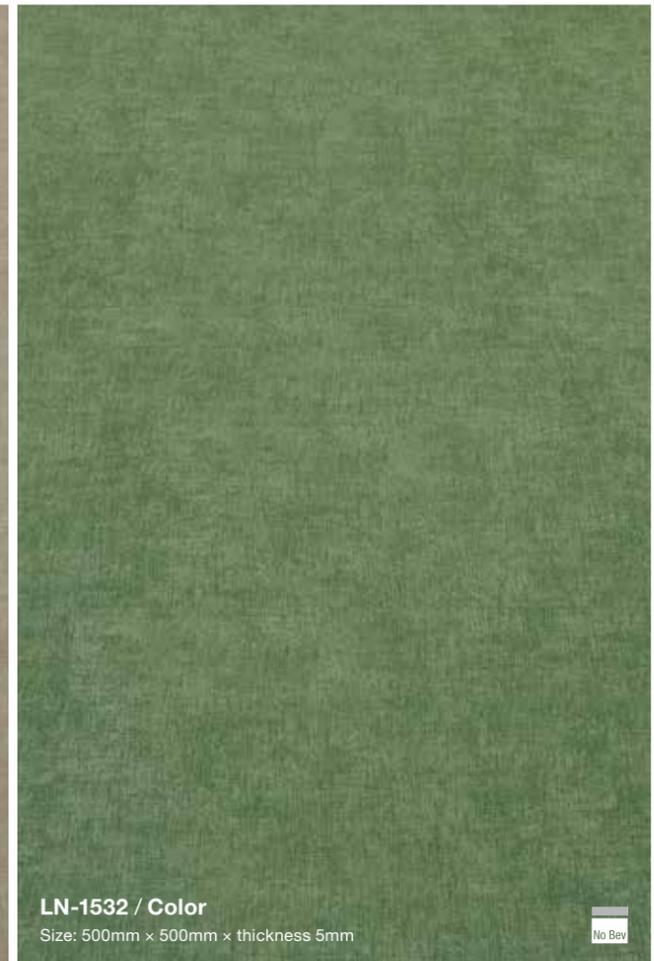
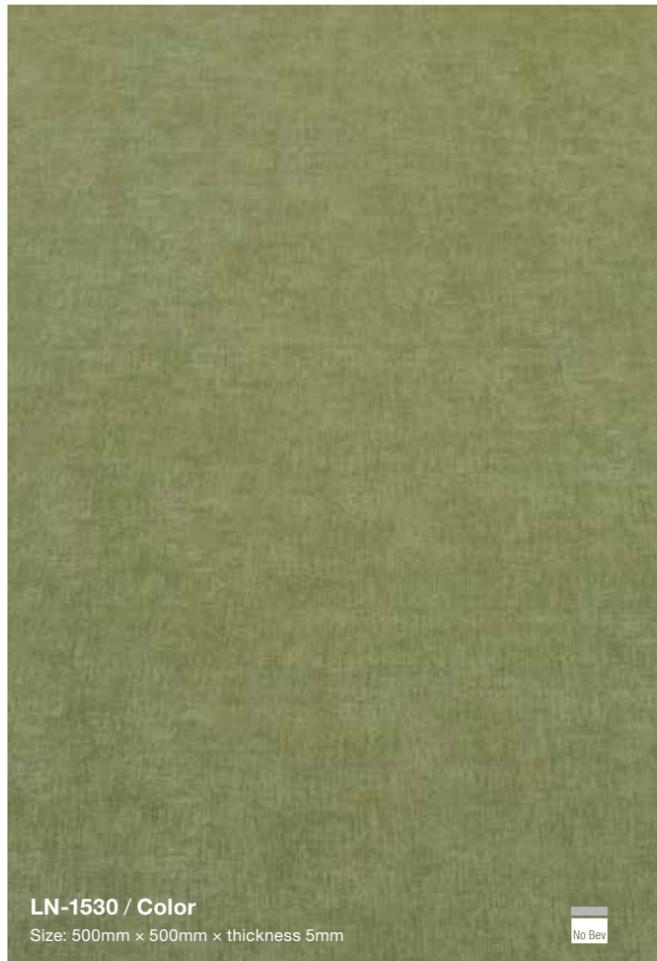
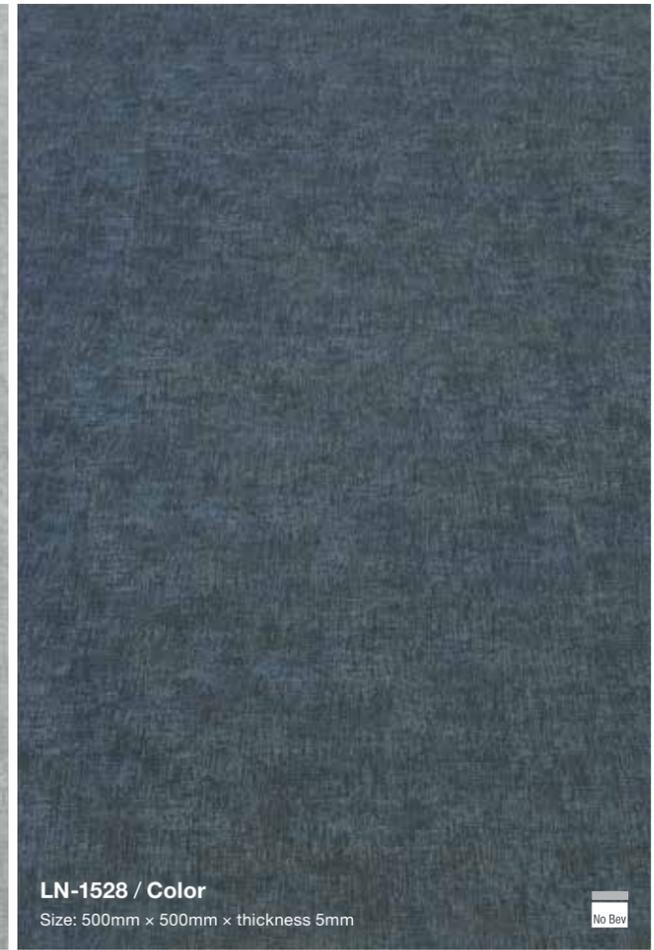
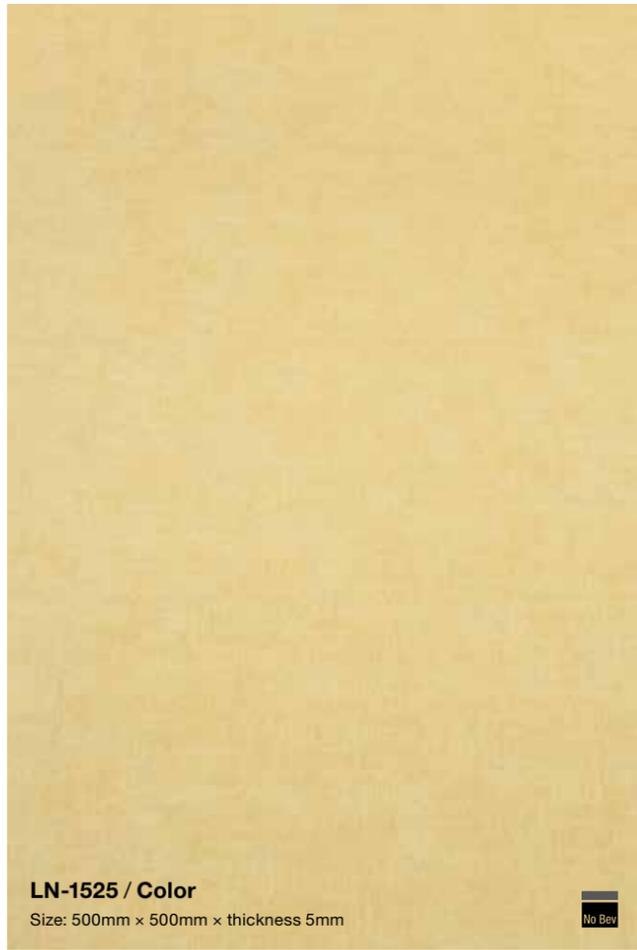














**LN-1535 / Grano Mortar**

Size: 1,000mm × 1,000mm × thickness 5mm  
Available in same color, different size: LN-1508, p. 32



**LN-1537 / Pietra Base**

Size: 1,000mm × 1,000mm × thickness 5mm  
Available in same color, different size: LN-1510, p. 34



**LN-1536 / Grano Mortar**

Size: 1,000mm × 1,000mm × thickness 5mm  
Available in same color, different size: LN-1506, p. 32



**LN-1538 / Pietra Base**

Size: 1,000mm × 1,000mm × thickness 5mm  
Available in same color, different size: LN-1516, p. 35



Features

**1** No wax flooring is easy to maintain and reduces the hassle and costs of cleaning

No-wax maintenance flooring is now the standard—NO WAX Plus brings added value to no-wax flooring.

**NO WAX** 

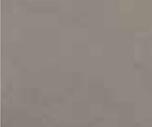
NO WAX Plus

Antibacterial

**+ Stain resistant UV coating**

The special high-durability, UV surface coating is resistant to staining and easy to clean, allowing tile to stay beautiful for longer. This flooring's appearance can be maintained with standard daily cleaning, reducing the overall hassle of maintenance.

■ Stain resistant and easy to clean

Flooring	Before soiling	After soiling → After cleaning
LAY FLAT TILE NO WAX		
Ordinary UV coating		
No UV coating		

Easy to clean

Test method (original, in-house testing): A standardized substance was applied to the surface of flooring, flooring was wiped with a damp cloth after drying, and the level of remaining staining was observed.

**+ Antibacterial, for improved hygiene**

Antibacterial

LAY FLAT TILE NO WAX features a special, high-durability antibacterial UV coating. This helps create spaces that are not only clean in appearance but also more hygienic. This is perfect for medical facilities, welfare facilities or any other setting with strict hygiene demands.

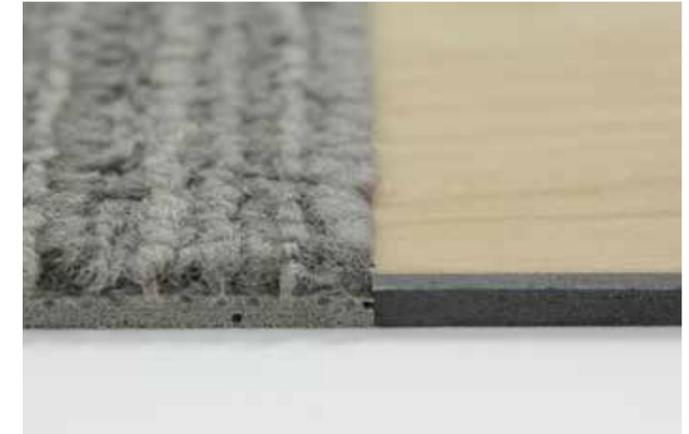


Features

**2** Combine with carpet tile to expand the possibilities of design

**Create lush spaces by mixing different flooring**

LAY FLAT TILE NO WAX and Tajima carpet tile are designed to be the same thickness when stepped upon, allowing them to be used together to demarcate areas in a single space. In office settings, for example, LAY FLAT TILE NO WAX could be used in walkways, cafe spaces or other areas where maintainability and durability are most important, whereas carpet tile could be used in work spaces, meeting spaces and other areas where cushion and habitability are more important. Combining different floorings allows for multifaceted designs and varied spaces.



**Matching flooring to function**

For instance, cleaning spilled coffee from carpet tile would be a difficult chore. Coffee could be wiped up easily, however, from LAY FLAT TILE NO WAX. Flooring can be mixed in this way to create more welcoming spaces.



**Flooring as zoning**

Flooring can be used to create zones, without needing to partition areas with walls or furniture. Choose flooring suited to the area's purpose.



**Renovate spaces and their impression, with quick installation**

LAY FLAT TILE NO WAX and carpet tile are both loose lay flooring, allowing them to be installed quickly without disrupting business. They can also be laid over existing (vinyl tile) flooring, allowing users to make improvements to medical facilities, dining establishments and other businesses without the noise and dust involved in stripping up subfloors.



BEFORE CARPET TILE

AFTER LAY FLAT TILE LF-3000

\* For more details, enquire with any Tajima branch or distributor.

## Features of LAY FLAT TILE NO WAX

### Features

## 3 Loose lay tile for a variety of subfloors

In addition to raised floors, high dimensional stability allows the product to be installed over dry mortar subfloors, heated subfloors and even existing vinyl sheet flooring. The ability to install over existing flooring, without needing to strip it off, shortens construction time. Tile can also be replaced on a tile-by-tile basis.

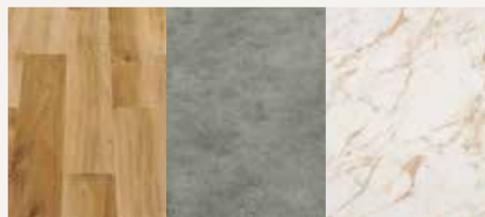
For details on specs and installation, see p. 47-49 ►

\* LAY FLAT TILE NO WAX 1,000 x 1,000 cannot be installed over heated subfloors.



### Features

## 4 An ample range of designs and color variations

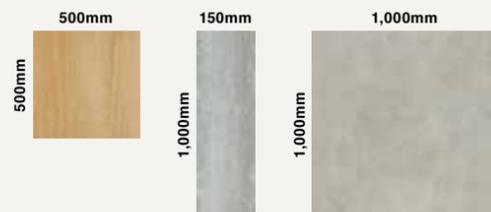


Realistic wood and stone patterns are available in a rich lineup of color variations, with 68 colors in total. Choose tiling best suited to your design.

For a list of products, see p. 50-51 ►

### Features

## 5 Available in three sizes to switch up interiors



Patterns are available in three sizes, including a large 1,000 x 1,000mm size for creating dynamic spaces.

### Features

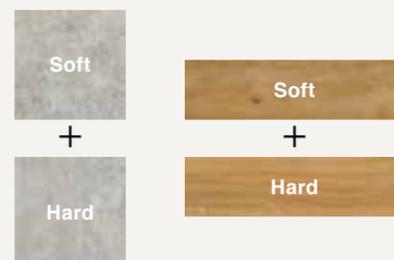
## 6 Harmonizing, matte finish



Despite being no-wax flooring, LAY FLAT TILE NO WAX features a subdued matte finish which harmonizes with a wide range of designs, including for offices, educational facilities, lodgings, medical/welfare facilities and public facilities.

### Features

## 7 Create natural textures with Real System



A system for creating more realistic designs. A mixture of soft and hard patterns creates a wealth of possibilities and realistic color variations.

**REAL** This symbol indicates a Real System compatible product.  
Color Number: LN-1008 / LN-1009 / LN-1503 / LN-1504

## Benefits of loose lay flooring/installation

### Renovations and repair: when time is an issue.

LAY FLAT TILE is a loose lay tile that can be installed directly over mortar. When doing renovation or repair work, this allows user to skip two steps: **the rough stripping up of flooring, and the repairing of damage to subfloors** that occurs as part of that process. Loose lay installation can greatly change your approach to reflooring.

#### Loose lay installation is as easy as lifting and placing...

<b>Installation time</b>	<b>Lifting existing flooring is easy</b>	Shorter installation time means less missed business opportunities.	<b>Time</b>
<b>Noise</b>	<b>Minimal loud noises or vibration</b>	Less need to implement noise/vibration safeguards.	<b>Sound/vibration</b>
<b>Dust</b>	<b>No damage to subfloor</b>	Does not create dust and greatly reduce need for curing.	<b>Dust</b>
<b>Odor</b>	<b>Install with anti-slip adhesive, no need for special chemicals</b>	Lack of solvent odors can allow installation to continue while guests are present.	<b>Odor</b>
<b>Waste</b>	<b>No impurities when removing</b>	Tiles can be recycled* when removed.	<b>Industrial waste</b>

\* Industry initiative: The Nippon Interior Association (NIF) includes many vinyl chloride manufacturers among its members. The plastic floorings subcommittee of NIF has established a framework for collecting and recycling used loose lay tile. LAY FLAT TILE and its Self-Tack products are qualified for the collection under this scheme.

LAY FLAT TILE can be installed using the loose lay method, rather than with strong adhesives. An anti-slip adhesive is applied and the tile is set in place, similar to how carpet tile is installed. LAY FLAT TILE can be installed directly over mortar. Eliminating the need for strong adhesives reduces sound, vibration, dust and odors associated with installation. Loose lay installation also eliminates the need to protect and cure the adhesive after drying, allowing furniture and other items to be brought in immediately after installation.\*

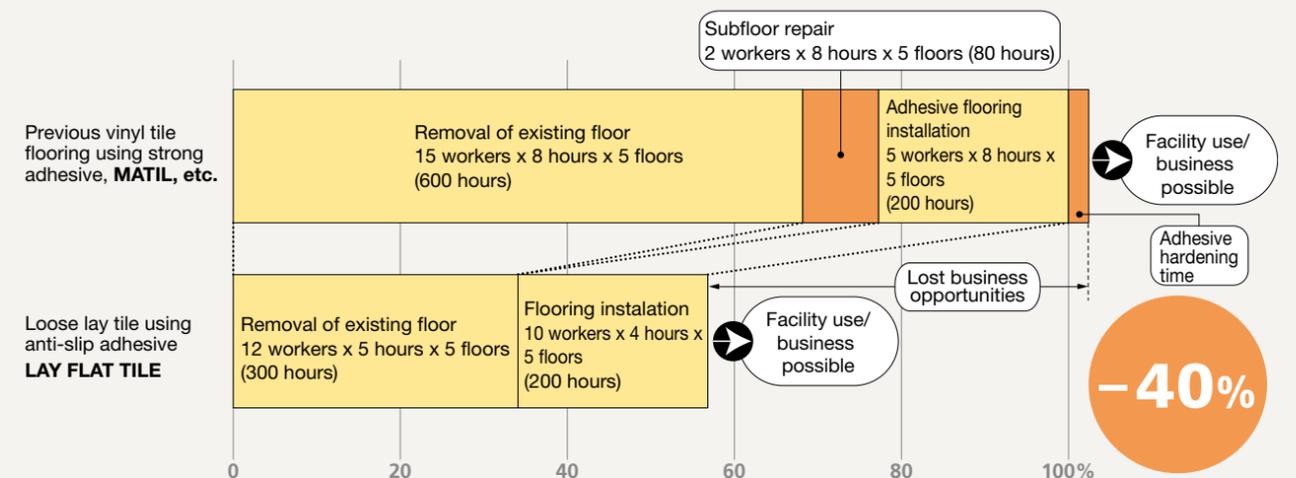
Loose lay installation is an excellent solution when carrying out renovations and repairs in stores, offices or other spaces where time and scheduling is limited (work holidays, overnight, etc.).

Adhesiveness of the subfloor is a non-issue. Additionally, as long as clearance of doors, etc. allows, tiles can also be installed directly over existing P TILE and other plastic tiles.

#### Comparison of installation times

In the example below, **installation time** can be shortened by **approximately 40%**.

● The time required for 22 workers (each working 8 hr/day) to renovate 5 floors each sized at 1,000m<sup>2</sup> (total: 5,000m<sup>2</sup>) was calculated and compared.



**DATA 1** Dimensional stability

LAY FLAT TILE NO WAX demonstrated excellent dimensional stability, with minimal change over time or due to temperature differences.

■ Changes in length due to heat

Flooring	Length-wise	Width-wise	Standard value (JIS A 5705)
LAY FLAT TILE NO WAX	-0.03%	-0.04%	-0.15% or greater, 0.15% or less
LAY FLAT TILE LF-3000	-0.03%	-0.03%	-0.15% or greater, 0.15% or less
Heterogeneous vinyl tile	-0.10%	-0.03%	-0.25% or greater, 0.25% or less

**What does it mean** Test result values for LAY FLAT TILE NO WAX were sufficiently low, indicating excellent dimensional stability and minimal change in dimensions over time.

**DATA 2** Bulge prevention

In addition to excellent dimensional stability, LAY FLAT TILE NO WAX is resistant to bulging due to its 5.0mm thickness and weight, and can even be used on heated subfloors.

■ Example of building, 5°C→35°C



LAY FLAT (5mm thickness)



Heterogeneous vinyl tile (3mm thickness) (Tajima product)

■ Bulging test results

Flooring	15°C	25°C	35°C
LAY FLAT TILE NO WAX (5mm thickness)	No change	No change	No change
Heterogeneous vinyl tile (3mm thickness)	No change	5mm bulge	10mm bulge

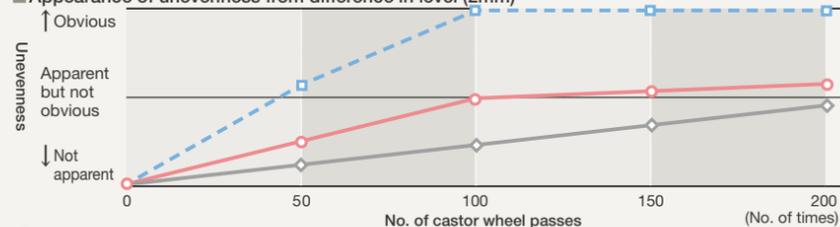
**What does it mean** Heterogeneous vinyl tiles can be affixed with adhesive to prevent bulging, but when installed using the loose lay method they can bulge quite easily. LAY FLAT TILE NO WAX, however, resists building bulge even when installed using the loose lay method.

**DATA 3** Unevenness

Due to its 5mm thickness and embossed surface, LAY FLAT TILE NO WAX can reduce or obscure the appearance of unevenness\* caused by factors such as irregular subfloors or level differences/gaps in raised subfloors.

\* For issues that are too large to correct using LAY FLAT TILE NO WAX, consult with a raised flooring installation company regarding the best course of action.

■ Appearance of unevenness from difference in level (2mm)



\* Figures are as measured and are not a guarantee.

—○— LAY FLAT TILE NO WAX —◇— Carpet tile —□— Heterogeneous vinyl tile

**DATA 4** Antistatic

LAY FLAT TILE NO WAX features the static electricity resistance required for loose lay flooring, and is suitable for locations such as schools or general offices.

■ Electric charge potential (23°C, 25% RH)

Flooring	Type	Measured value (kV)	In-house standard value (kV)
LAY FLAT TILE NO WAX	High antistatic performance	0.40	0.50 or less
LAY FLAT TILE LF-3000	High antistatic performance	0.45	0.50 or less
Heterogeneous vinyl tile	Non-antistatic	—	2.0-3.0 or less
Carpet tile (Tapis SELECT Plus)	Antistatic	0.30	1.0 or less

● It is assumed that an electric charge potential of 1.0 kV or less will not affect equipment such as computers. Sudden static shocks, such as a person would feel with their fingers, occur at around 3.0 kV.

Testing methodology

■ Test overview

JIS A 1454  
testing for changes in length due to heat compliant

■ Testing method

The test sample was left at 23 ± 2°C for over 12 hours, after which dimensions were measured. Next, the sample was heated in a 80 ± 2°C oven for 6 hours and then left at 23 ± 2°C for 1 hour, after which dimensions were re-measured and compared to before heating. (This test is designed as an indication of changes in dimension over time.)

Testing methodology

■ Test overview

<In-house test>  
Bulging due to increased temperatures was measured.

■ Testing method

Two tiles were laid together in a 5°C thermostatic chamber so as to lightly touch, with the edges of each affixed with instant adhesive. Afterward, the chamber was increased to 35°C in 10°C increments and the condition of the tiles was observed.

Installation temperature: 15°C or greater

LAY FLAT TILE NO WAX has excellent dimensional stability and is resistant to bulging. However, if tiles are ① installed at low temperatures and ② installed with too little space between joints, bulging from temperature changes may occur after use. As a result, it is recommended that a temperature of 15°C or greater be maintained during installation, and that flooring materials be allowed to sit at room temperature as necessary before installation begins. \* The above is particularly important when installing on heated subfloors.

Testing methodology

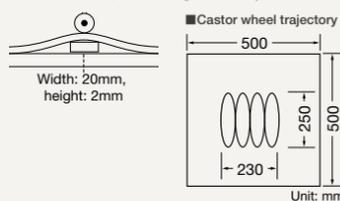
■ Test overview

<In-house test>  
The appearance of subfloor unevenness was measured.

■ Testing method

Tile was laid on a model subfloor as shown in the illustration below. Castor wheels were pushed over the tiling and the degree to which unevenness appeared on the surface was observed.

[Test conditions]  
Temperature: 23 ± 2°C Load: 35 kg (1 wheel)  
Castor wheel: 50 φ × 28mm (phenol resin)



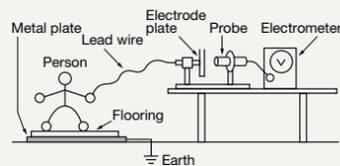
Testing methodology

■ Test overview

JIS L 1021-16  
Walking test compliant

■ Testing method

Charge potential was measured while a person walked at a normal pace (100 steps/minute), over flooring materials placed atop a raised floor, while holding a lead wire. (Footwear: synthetic rubber)



LAY FLAT TILE NO WAX is a loose lay tile that can remain looking beautiful without use of wax.

Floors can be kept looking beautiful for longer, simply by carrying out standard, daily sweeping and cleaning to handle dirt from regular use.

1. Use floor mats

Earth and sand brought in from outside can damage the coating layer on the surface of flooring. Please place floor mats at entrances to help prevent this.

2. Dust and dirt removal

Please carry out daily cleaning, such as removal of dirt/dust and wiping with a damp cloth or mop.

3. Stain removal

Please remove any stains on the flooring using a cloth or mop that has been soaked in water and tightly squeezed. Large areas can be cleaned more effectively using a floor polisher or similar device. When using a floor polisher, please use a red pad. Using a blue or darker pad will damage the coating layer on the surface of flooring, causing the floor to stain more easily.



Daily cleaning generally consists of running a vacuum cleaner over flooring.



Dusting with a dry cloth can also be effective at removing dirt.



If stains remain, please wipe with a wet cloth.

Maintenance precautions

- LAY FLAT TILE NO WAX does not require waxing or wax maintenance. If choosing to use wax, we recommend selecting a wax that will not damage the flooring's inherent features (antibacterial, ease of cleaning, slip prevention, antistatic, antichemical, etc.) For more details, enquire with any Tajima branch or distributor.
- Using excessive water during maintenance can cause water to seep into joints, which can cause buckling. We recommend instead using atomizers/spray bottles, etc. when cleaning.
- With raised subfloors, if a large amount of liquid is spilled on the floor, there is a risk that water could seep through joints and cause damage to internal wiring, connectors, etc. Take caution to prevent this when possible, and if spills do occur check on wiring, etc. to ensure no abnormalities occur.

Precautions for upkeep and use

- If heavy furniture such as desks or shelves are dragged while being moved they can damage floor and cause tiles to be pulled out of place. Be sure to lift furniture when moving. Additionally, if tiles are not fixed after being pulled out of place this could cause people to trip. Please return any displaced tiles to their original position immediately.
- Applying a heavy load to a small area (via furniture legs, heels, etc.) can damage or dent the surface of the floor.
- Some varieties of rubber can stain floors. We recommend using protective plates between flooring and rubber products.
- Exposure to sunlight (UV rays) can lead to discoloration. We recommend installing countermeasures, such as UV-reducing window film.
- For more information on upkeep and maintenance, see our general floor finishings catalogue.

Precautions when purchasing

- As part of the design, natural textures such as stone and wood can include differences in color. Color may vary in spots even among the same product number. Please see actual floor samples.
- Small samples included in this sample book, actual samples and actual products may differ in color. Be sure to also refer to actual cut samples when you are considering purchase. (Photographs in this catalogue include composite photos.)
- Seams and dirt may be more apparent on lighter colored products.

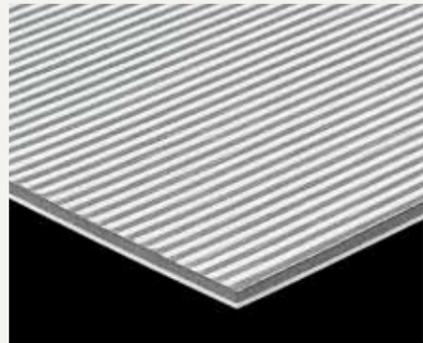
Installation precautions

- As part of the design, natural textures such as stone and wood can include differences in color. Color may vary in spots even among the same product number. Please be aware of this issue when installing.
- Discrepancies in size may occur when combining different product numbers and sizes. Please adjust on-site during installation to account for this.
- A level subfloor is necessary to avoid gaps and bulging at joints.
- Due to the nature of vinyl chloride, installing under low temperatures can cause the product to settle poorly.
- Lightly colored product may change slightly in color after opening, due to the effect of sunlight or fluorescent lighting.
- For information on the best adhesives or installation methods to use for a specific environment or conditions, see our general floor finishings catalogues.

**NO WAX** **Antibacterial**

**LAY FLAT TILE NO WAX Self-Tack (for lateral displacement prevention)**

Build-to-Order



Self-tacking finish on reverse of tile

LAY FLAT TILE NO WAX Self-Tack can be installed without using adhesive. This helps contribute to the installation environment and to improving recycling.

Self-Tack technology involves a finish on the reverse of tiles to prevent lateral displacement, expanding the possibilities of loose lay tiles by reducing installation odors from adhesives and allowing renovations to proceed while guests are still present.

Likewise, in offices with frequent layout or wiring changes, no stickiness is left behind on the subfloor or back of tile when tile is lifted. This reduces the risk of soiling surrounding walls and flooring and makes sorting for recycling at time of disposal even easier, which can reduce industrial waste.

\* Please use GP Tape when installing. Refer to the installation method manual before use.

**Dimensions**

**Build-to-order conditions** Available in the same color patterns as LAY FLAT TILE NO WAX  
 Delivery period is 3 weeks All colors are manufactured to order  
 20 cases (=50m<sup>2</sup>) or more (500mm × 500mm)  
 25 cases (=50m<sup>2</sup>) or more (150mm × 1,000mm)  
 \* Self-Tack is not available in 1,000mm × 1,000mm size.  
 Caution: surface area differ depending on size.

**Product number** LN-1□□□S (add "S" (Self-Tack) to the end of product number)

Flame resistance test number E1190289

**Transition Strip 50/30 (with double-sided tape)**



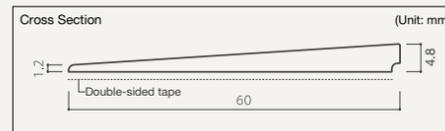
For use at partitions between subfloors and tiling.  
 Use to cover differences in height.

**Thickness 1.2 ↔ 4.8mm**

**Material Classification** Soft vinyl resin

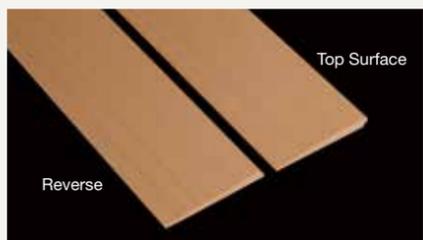
**Dimensions** 1.2 ↔ 4.8 (thickness) × 60 (width) × 1,000mm (length)

**Packing** 10 tiles/case



- 9300-501
- 9300-502
- 9300-503
- 9300-504
- 9300-505
- 9300-506

**Transition Strip 2060**



Use to cover remaining differences in height between vinyl sheet flooring and vinyl tile flooring, etc. Stain-resistant finish.

**Thickness 1.8 ↔ 5.8mm**

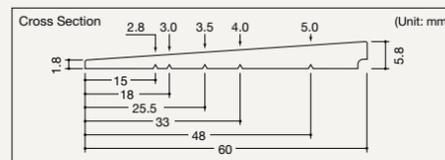
**Material Classification** Soft vinyl resin

**Dimensions** 1.8 ↔ 5.8 (thickness) × 60 (width) × 1,000mm (length)

**Packing** 10 tiles/case

**Weight** 4.5 kg/case

**Number of Colors** 6



- 9300-2601
- 9300-2602
- 9300-2603
- 9300-2604
- 9300-2605
- 9300-2606

**LAY FLAT TILE NO WAX**

A no-wax vinyl loose lay tile that reduces hassle and costs associated with maintenance. Antibacterial, and with a sophisticated mat finish.



5.0mm (thickness) × 500mm × 500mm  
 5.0mm (thickness) × 150mm × 1,000mm

**Application**

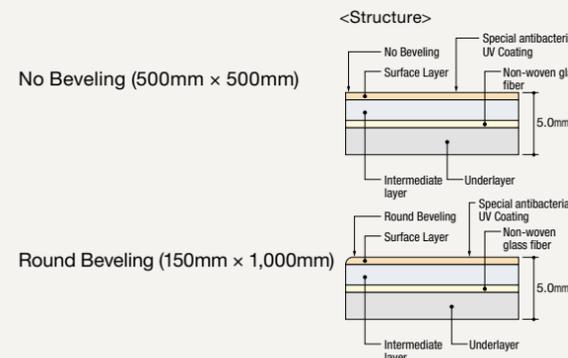
**Buildings:** Office buildings, commercial facilities, public facilities, educational facilities, etc.  
**Area of use:** Offices, stores, classrooms, hallways, etc.

**Specifications**

**Material** Vinyl loose lay tile FOA  
**Classification** JIS A 5705 certification number TC0308169 (500mm × 500mm only)

**Number of Colors** 37 colors (500mm × 500mm)  
 27 colors (150mm × 1,000mm)

**Edge finishing**



**Packing** 10 tiles/case (500mm × 500mm, 2.5m<sup>2</sup>)  
 14 tiles/case (150mm × 1,000mm, 2.1m<sup>2</sup>)

**Weight** 21.2 kg/case (500mm × 500mm)  
 18.0 kg/case (150mm × 1,000mm)

**Features** Electric charge potential 0.40 kV (JIS L 1021-16 compliant)\*1  
 Surface resistance 5.2 × 10<sup>10</sup> Ω (JIS K 6911 compliant)\*1 **High Antistatic**<sup>\*2</sup>  
 Volume resistivity 2.5 × 10<sup>9</sup> Ω (JIS K 6911 compliant)\*1

\*1 Figures are as measured and are not a guarantee.  
 \*2 Indicates that produce is excellent at preventing and mitigating static electricity.

Flame resistance test number E1190171

**Environmental capability** (Resource conservation: utilizes recycled materials)

Uses recycled vinyl Factory-based recycling Low VOCs  
 CASBEE LR-2 material  
 FloorScore certified  
 Green purchasing law compliant product

**installation method (shared)**

Subfloor	Adhesive
Mortar, floor heating <sup>*3</sup> , raised floors, existing flooring, etc.	Anti-slip adhesive

Install by applying anti-slip adhesive with a roller brush to entire subfloor and placing tiles.  
 \*3 1,000mm × 1,000mm size is not compatible with floor heating.



5.0mm (thickness) × 1,000mm × 1,000mm

**Application**

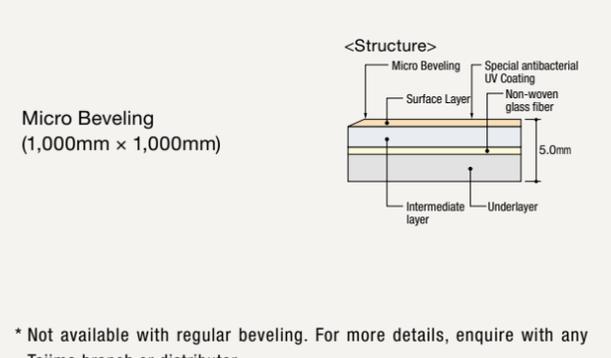
**Buildings:** Office buildings, commercial facilities, public facilities, educational facilities, etc.  
**Area of use:** Offices, stores, classrooms, hallways, etc.

**Specifications**

**Material** Vinyl loose lay tile FOA  
**Classification**

**Number of Colors** 4 colors (1,000mm × 1,000mm)

**Edge finishing**



**Packing** 3 tiles/case (1,000mm × 1,000mm, 3m<sup>2</sup>)

**Weight** 29.8 kg/case (1,000mm × 1,000mm)

**Features** Electric charge potential 0.40 kV (JIS L 1021-16 compliant)\*1  
 Surface resistance 5.2 × 10<sup>10</sup> Ω (JIS K 6911 compliant)\*1 **High Antistatic**<sup>\*2</sup>  
 Volume resistivity 2.5 × 10<sup>9</sup> Ω (JIS K 6911 compliant)\*1

Flame resistance test number E1190171

**Environmental capability** (Resource conservation: utilizes recycled materials)

Uses recycled vinyl Factory-based recycling Low VOCs  
 CASBEE LR-2 material  
 FloorScore certified  
 Green purchasing law compliant product



150mmx1,000mm

	LN-1006 Avorio Elm		LN-1008 Various Oak Soft <b>REAL</b> Includes natural patterning and color variation		LN-1010 Shiny Hickory Includes natural patterning and color variation		LN-1015 Chalked Nut Includes natural patterning and color variation		LN-1020 Colore Oak Includes color variation		LN-1025 Colore Oak Includes color variation
	LN-1007 Avorio Elm		LN-1009 Various Oak Hard <b>REAL</b> Includes natural patterning and color variation		LN-1011 Shiny Hickory Includes natural patterning and color variation		LN-1016 Chalked Nut Includes natural patterning and color variation		LN-1021 Colore Oak Includes color variation Available in same color, different size LN-1001, 500 x 500mm		LN-1026 Colore Oak Includes color variation

500mmx500mm



	LN-1001 Colore Oak Includes color variation Available in same color, different size LN-1021, 150 x 1,000mm		LN-1002 Colore Oak Includes color variation Available in same color, different size LN-1022, 150 x 1,000mm		LN-1004 Regno Blocco		LN-1003 OSB		LN-1005 Regno Blocco		LN-1012 Primo Walnut Includes color variation		LN-1013 Primo Walnut Includes color variation		LN-1014 Natural Pine Includes natural patterning and imperfections		LN-1017 Smooth Chalk		LN-1018 Smooth Chalk		LN-1019 Smooth Chalk		LN-1022 Colore Oak Includes color variation Available in same color, different size LN-1002, 500 x 500mm		LN-1023 Colore Oak Includes color variation		LN-1024 Colore Oak Includes color variation		LN-1027 Colore Oak Includes color variation		LN-1028 Colore Oak Includes color variation		LN-1029 Colore Oak Includes color variation		LN-1030 Colore Oak Includes color variation
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500mmx500mm



	LN-1501 Embedded Concrete Includes color variation		LN-1502 Gallery Mortar Includes color variation		LN-1503 Wall Concrete Hard <b>REAL</b> Includes color variation		LN-1504 Wall Concrete Soft <b>REAL</b> Includes color variation		LN-1505 Grano Mortar		LN-1506 Grano Mortar Available in same color, different size LN-1536, 1,000x1,000mm		LN-1507 Grano Mortar		LN-1508 Grano Mortar Available in same color, different size LN-1535, 1,000x1,000mm		LN-1509 Grano Mortar		LN-1510 Pietra Base Available in same color, different size LN-1537, 1,000x1,000mm		LN-1511 Pietra Base		LN-1512 Pietra Base		LN-1513 Pietra Base		LN-1514 Pietra Base		LN-1515 Pietra Base		LN-1516 Pietra Base Available in same color, different size LN-1538, 1,000x1,000mm		LN-1517 Minimo Terrazzo		LN-1518 Minimo Terrazzo		LN-1519 Minimo Terrazzo		LN-1520 Minimo Terrazzo		LN-1521 Capiz Marble		LN-1522 Capiz Marble		LN-1523 Calacatta Gold		LN-1524 Metal Stain Includes color variation		LN-1525 Color		LN-1526 Color		LN-1527 Color		LN-1528 Color		LN-1529 Color		LN-1530 Color		LN-1531 Color		LN-1532 Color
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150mmx1,000mm



	LN-1533 Line Mortar Includes color variation		LN-1534 Slab Wood
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1,000mmx1,000mm



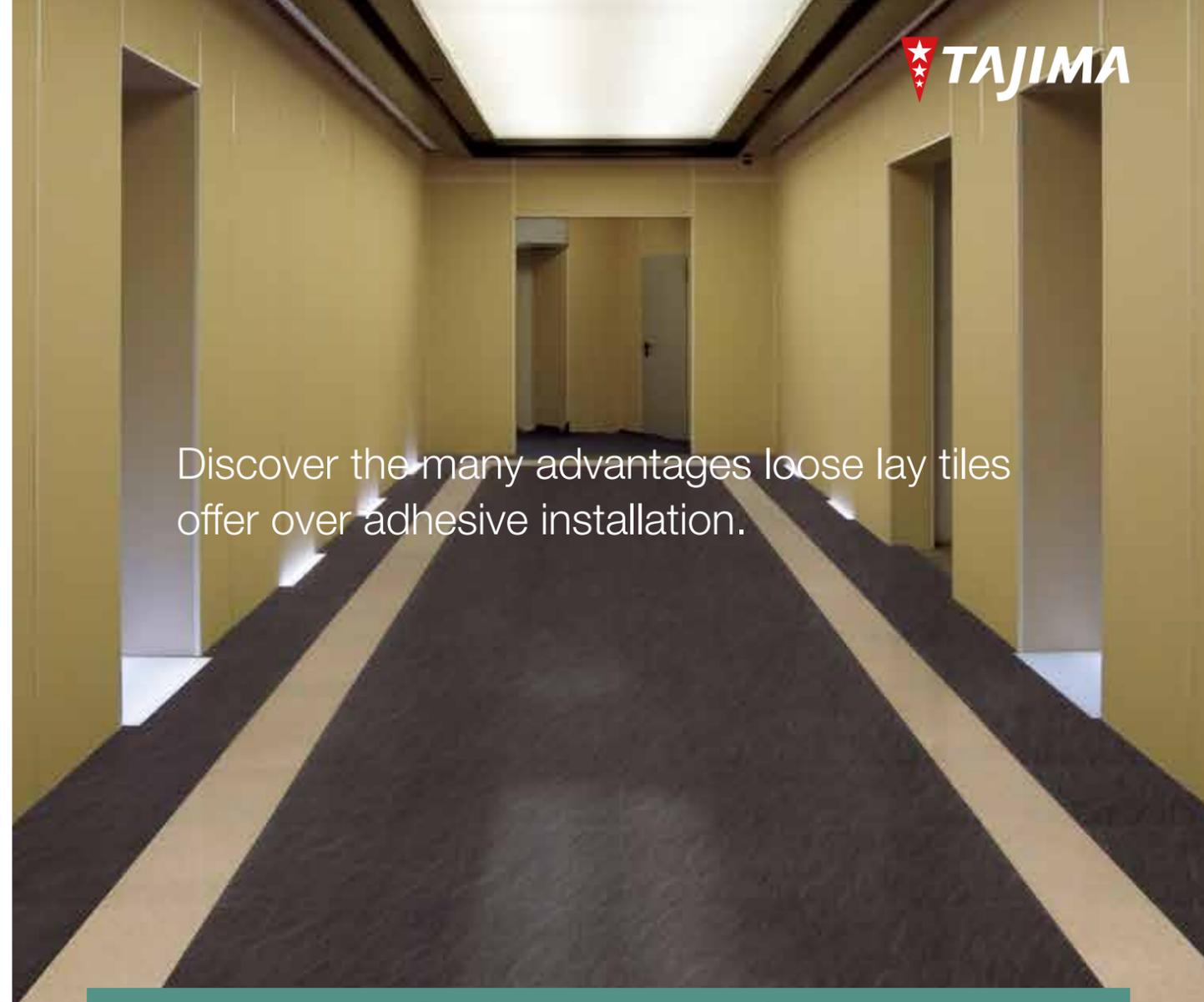
	LN-1535 Grano Mortar Available in same color, different size LN-1508, 500x500mm		LN-1536 Grano Mortar Available in same color, different size LN-1506, 500x500mm		LN-1537 Pietra Base Available in same color, different size LN-1510, 500x500mm		LN-1538 Pietra Base Available in same color, different size LN-1516, 500x500mm
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\* Includes color variation/natural patterning/imperfections **REAL** : Tiles may include color variations, natural patterning and imperfections in order to create more realistic textures (stone, wood, etc.). Check full-size samples to confirm patterns before purchasing.  
 \* **REAL** : For more information on Real System, see p. 44.  
 \* Color of images may differ from actual products. Be sure to also refer to actual cut samples when you are considering purchase.

LAY FLAT TILE NO WAX (5.0mm thickness)

NUMBER	MATERIAL PATTERNS	SIZE	GALLERY EXAMPLES IN USE	Available in same color (*)		
				LF NO WAX	LF-3000	MATIL / WOODLINE
LN-1001	Colore Oak	500x 500mm	P.22	-	LN-1021	-
LN-1002	Colore Oak	500x 500mm	P.22	-	LN-1022	-
LN-1003	OSB	500x 500mm	P.23	P.7	-	WBR-629
LN-1004	Regno Blocco	500x 500mm	P.23	-	-	-
LN-1005	Regno Blocco	500x 500mm	P.23	P.8	-	-
LN-1006	Avorio Elm	150x1,000mm	P.22	P.5	-	-
LN-1007	Avorio Elm	150x1,000mm	P.22	P.16	-	-
LN-1008	Various Oak Soft <b>REAL</b>	150x1,000mm	P.24	P.1, 6	-	WBH-602
LN-1009	Various Oak Hard <b>REAL</b>	150x1,000mm	P.24	P.1, 6, 15	-	WBH-603
LN-1010	Shiny Hickory	150x1,000mm	P.25	P.5, 10	-	WBH-435
LN-1011	Shiny Hickory	150x1,000mm	P.25	P.5, 10	-	WBH-436
LN-1012	Primo Walnut	150x1,000mm	P.25	P.13	-	-
LN-1013	Primo Walnut	150x1,000mm	P.25	P.13	-	-
LN-1014	Natural Pine	150x1,000mm	P.24	-	-	WBF-624
LN-1015	Chalked Nut	150x1,000mm	P.26	P.12, 16, 17	-	-
LN-1016	Chalked Nut	150x1,000mm	P.26	-	-	-
LN-1017	Smooth Chalk	150x1,000mm	P.26	P.10, 17, 20, 21	-	-
LN-1018	Smooth Chalk	150x1,000mm	P.26	P.10, 12, 17, 20, 21	-	-
LN-1019	Smooth Chalk	150x1,000mm	P.27	P.12, 18	-	-
LN-1020	Colore Oak	150x1,000mm	P.27	P.14	-	-
LN-1021	Colore Oak	150x1,000mm	P.27	-	LN-1001	-
LN-1022	Colore Oak	150x1,000mm	P.27	P.20, 21	LN-1002	-
LN-1023	Colore Oak	150x1,000mm	P.28	P.9	-	WBH-622
LN-1024	Colore Oak	150x1,000mm	P.28	P.5	-	WBH-623
LN-1025	Colore Oak	150x1,000mm	P.28	-	-	WBH-621
LN-1026	Colore Oak	150x1,000mm	P.28	-	-	WBH-620
LN-1027	Colore Oak	150x1,000mm	P.29	P.9	-	-
LN-1028	Colore Oak	150x1,000mm	P.29	-	-	-
LN-1029	Colore Oak	150x1,000mm	P.29	-	-	-
LN-1030	Colore Oak	150x1,000mm	P.29	P.9	-	-
LN-1501	Embedded Concrete	500x 500mm	P.30	P.4	-	MBE-515
LN-1502	Gallery Mortar	500x 500mm	P.30	-	-	MBE-514
LN-1503	Wall Concrete Hard <b>REAL</b>	500x 500mm	P.30	P.5, 31	-	MBE-510
LN-1504	Wall Concrete Soft <b>REAL</b>	500x 500mm	P.30	P.5, 31	-	MBE-511
LN-1505	Grano Mortar	500x 500mm	P.32	-	-	-
LN-1506	Grano Mortar	500x 500mm	P.32	P.9	LN-1536	-
LN-1507	Grano Mortar	500x 500mm	P.32	P.5, 7	-	-
LN-1508	Grano Mortar	500x 500mm	P.32	-	LN-1535	-
LN-1509	Grano Mortar	500x 500mm	P.33	P.7	-	-
LN-1510	Pietra Base	500x 500mm	P.34	P.11, 14, 17	LN-1537	-
LN-1511	Pietra Base	500x 500mm	P.34	P.11, 14	-	-
LN-1512	Pietra Base	500x 500mm	P.34	-	-	-
LN-1513	Pietra Base	500x 500mm	P.34	-	-	-
LN-1514	Pietra Base	500x 500mm	P.35	-	-	-
LN-1515	Pietra Base	500x 500mm	P.35	-	-	-
LN-1516	Pietra Base	500x 500mm	P.35	P.12	LN-1538	-
LN-1517	Minimo Terrazzo	500x 500mm	P.36	P.17, 19	-	-
LN-1518	Minimo Terrazzo	500x 500mm	P.36	P.17, 19	-	-
LN-1519	Minimo Terrazzo	500x 500mm	P.36	P.19	-	-
LN-1520	Minimo Terrazzo	500x 500mm	P.36	P.19	-	-
LN-1521	Capiz Marble	500x 500mm	P.37	-	-	-
LN-1522	Capiz Marble	500x 500mm	P.37	-	-	-
LN-1523	Calacatta Gold	500x 500mm	P.37	P.5	-	MBE-505
LN-1524	Metal Stain	500x 500mm	P.37	P.12	-	-
LN-1525	Color	500x 500mm	P.38	P.11	-	-
LN-1526	Color	500x 500mm	P.38	P.7, 17	-	-
LN-1527	Color	500x 500mm	P.39	P.7	-	LF-3428
LN-1528	Color	500x 500mm	P.39	P.7	-	LF-3429
LN-1529	Color	500x 500mm	P.38	-	-	-
LN-1530	Color	500x 500mm	P.38	P.12	-	-
LN-1531	Color	500x 500mm	P.39	P.11, 12	-	-
LN-1532	Color	500x 500mm	P.39	P.12	-	-
LN-1533	Line Mortar	150x1,000mm	P.33	P.4	-	MBH-516
LN-1534	Slab Wood	150x1,000mm	P.33	-	-	WBH-443
LN-1535	Grano Mortar	1,000x1,000mm	P.40	P.1	LN-1508	-
LN-1536	Grano Mortar	1,000x1,000mm	P.40	-	LN-1506	-
LN-1537	Pietra Base	1,000x1,000mm	P.41	-	LN-1510	-
LN-1538	Pietra Base	1,000x1,000mm	P.41	P.15	LN-1516	-

\* Even if choosing the same color, appearance may vary due to differences in finishing and size. Check actual floor samples to confirm.  
**REAL** : For more information on Real System, see p. 44.



Discover the many advantages loose lay tiles offer over adhesive installation.

From invention to current day

1. Vinyl loose lay tiles to reduce static electricity

In 1988, we at Tajima Flooring were the first company in the world to introduce an antistatic vinyl loose lay tile for raised subfloors, with our LAY FLAT TILE product\*1.

Previously the only options were die-cast office flooring panels covered in a finishing materials, or raised floors finished with carpet tiles. LAY FLAT TILE garnered praise as a non-settling, non-fraying, easy to maintain product that expanded the possibilities of design.

2. Expanding the range of compatible subfloors

Due to the ease of installation and removal, the demand for loose lay installation without use of strong adhesives only grew. Using our expertise in flooring development we went on to conquer new hurdles with development of LAY FLAT TILE LF-3000/LF-2000. LF-3000/LF-2000 included pattern variations for use in general construction and commercial stores, tiles that could be used together with or replace the carpet tile frequently used in offices, and products that were compatible with subfloors other than raised office flooring, such as mortar or heated subfloors.

3. Static and chemical resistance

Next we began offering Anti-Chemical LAY FLAT TILE LF-9000. Raised flooring, which allows wiring and piping to be changed more easily, had been growing more popular in areas where antichemical sheet flooring was commonly used, such as at medical clinics and labs. LF-9000 was developed for use with such applications and subfloors.

4. Improved recycling

The majority of the underlayer of LAY FLAT TILE is produced using recycled materials, either purchased or recycled in-house. In recent years, product LCAs\*2, which account for issues such as the environment, effective use of resources and reduction of industrial waste, have become a popular subject of conversation. More customers are looking for products that are easy to break down and sort for recycling after use. LAY FLAT TILES, which do not need to be broken down after removal and are excellent for material recycling, fit these needs perfectly. Additionally, the plastic floorings subcommittee of the Nippon Interior Association (NIF) has established a framework for collecting and recycling used loose lay tile for recycling as new raw flooring materials, and all varieties of LAY FLAT TILE qualify for this scheme.

\*1: The product name at the time was LAY FLAT ANTISTAR P/ANTISTAR S.

\*2: Life Cycle Assessment. A method for evaluating resource/energy consumption and environmental effects at every stage of product production, from resource acquisition to machining, distribution, use, recycling and disposal.