

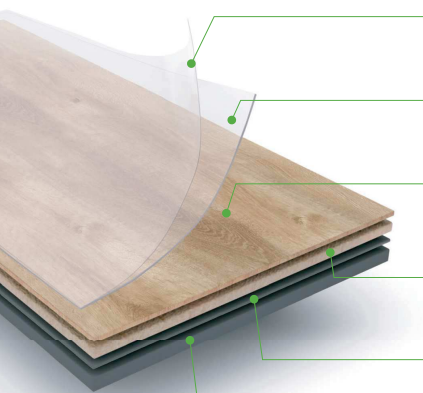
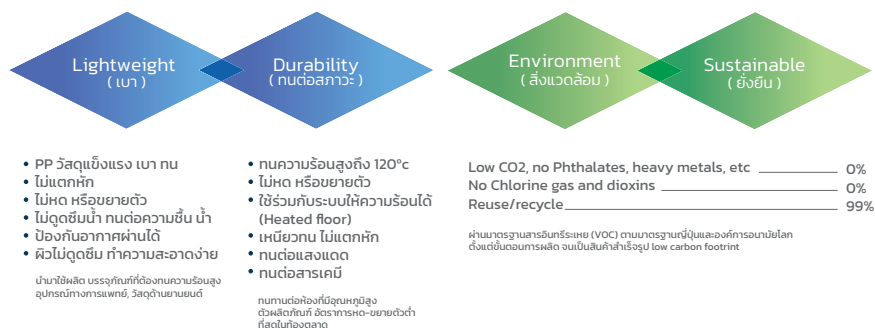
# ECOQUEEN FLOOR

エコクイーンフロー

Generation II

## Rigid Polypropylene floor

### Why polypropylene(PP) resin?



- UV COATING** ▶ Anti-bacteria properties, Protects the surface from scratch, dirt, Long-lasting, no waxing required  
คุณสมบัติยับยั้งแบคทีเรีย, ปกป้องผิวจากรอย และ สิ่งสกปรก ช่วยทำให้ใช้งานได้นาน และไม่ต้องลงแว็กซ์ซ้ำ
- PP CLEAR LAYER** ▶ Excellent abrasion and scratch resistance  
ชั้นป้องกันรอยขีดข่วนที่ดียเยี่ยม
- PP PRINT** ▶ Timeless and original Japanese design  
ดีไซน์ ที่มีความเป็นญี่ปุ่นที่แท้จริง
- PP CORE LAYER** ▶ Strong Polypropylene core: waterproofing, light and durability  
พอลิโพรพิลีนแกนกลาง กันน้ำ เบา ทนทาน
- PP BACKING LAYER** ▶ Stabilizes the product and maintain smoothness  
ชั้นหลังทำให้สินค้ามันคง และทำให้เรียบสม่ำเสมอ
- SPECIAL PE ABSORB** ▶ Improving unevenness during construction and cushion support while walking and improve noise reduction and waterproofing  
ช่วยปรับพื้นที่ไม่เรียบจากโครงสร้าง ชั่วพอร์ตลดแรงกระแทกจากการเดิน และกันน้ำ

## For A Sustainable Future

Environmentally friendly manufacturing

### LCA [Life Cycle Assessment]

The industry's first officially certified product



- Solid Japanese technology and quality
- Sophisticated design
- Cutting-edge production line

- Unique recycling system
- 4 R [REUSE, REDUCE, RECYCLE, RETURN]
- Contains recycled materials
- Regeneration of the product itself is also possible



Designed with carefully selected materials that meet global standards. Complies with regulations in environmentally advanced countries such as Germany and the United States. 0% harmful to humans and the environment.



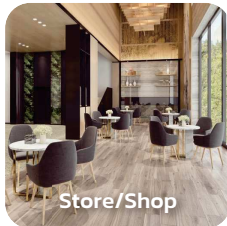
## Versatile

เอนกประสงค์



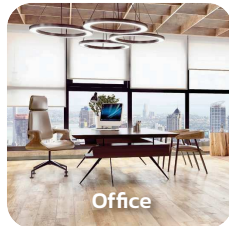
Residence

ที่อยู่อาศัย



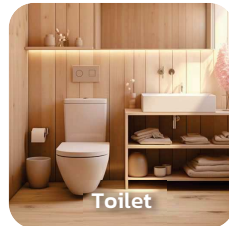
Store/Shop

ร้านค้า



Office

ที่ทำงาน



Toilet

ใช้ในโซนแห้งห้องน้ำ

## Multifunctional

ติดตั้งได้หลากหลาย



Construction on existing floor

ปูทับพื้นเดิม



Construction on soundproof flooring

เพิ่มแผ่นรองซับเสียง



Compatible with floor heating

ใช้กับระบบทำความร้อน

## Easy to install

ติดตั้งได้ง่าย



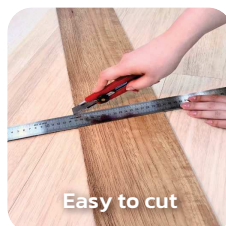
Acrylic adhesive

ติดตั้งด้วยกาวอะคริลิก



Joint system

เข้าลิ้น

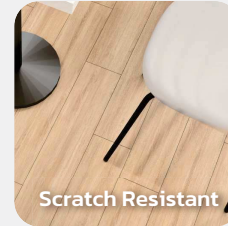


Easy to cut

ตัดเข้ารายละเอียดง่าย

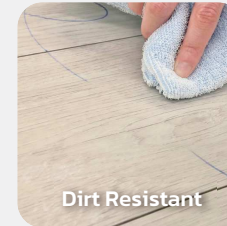
## Long lasting

ใช้ได้ยาวนาน



Scratch Resistant

กันรอยขีดข่วน



Dirt Resistant

คราบสกปรกไม่ยึดเกาะ

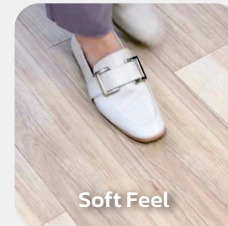


Shock Resistant

กันกระแทก

## Durability

ทนสภาวะ



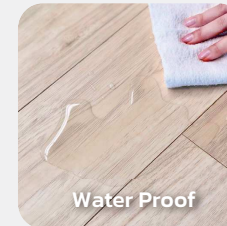
Soft Feel

แผ่นรองหลัง  
เสริมความนุ่ม



Anti-termite

กันปลวก



Water Proof

กันน้ำ

## Comfortable

สะดวกสบาย



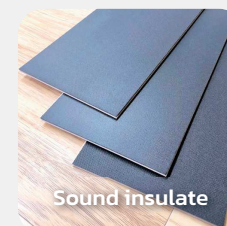
Anti-slip

ไม่ลื่น



Anti-bacterial

ยับยั้งแบคทีเรีย



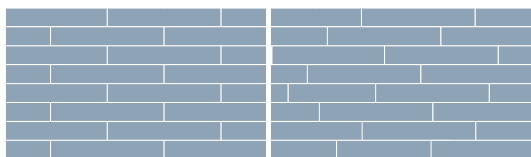
Sound insulate

เก็บเสียง

## Available In 2 Style

มีให้เลือกรูปแบบการติดตั้ง 2 รูปแบบ

Plank



1:2

Random

Herring Bone



**O-21** NORDIC PALE  
นอร์ดิกเพาล์



**O-22** NATURAL BRIGHT  
นาチュラルไบรท์



**O-23** ANTIQUE BROWN  
แอนティークบราวน์



**O-24** SHELL WHITE  
เชลล์โฮไวท์



**O-25** FRENCH GRAY  
ฟเรนช์เกรย์



**O-26** CALM BEIGE  
คาล์มเบจ



**O-27** BISCOTTI  
บิสคอตตี



**O-28** NUTS BROWN  
นัทส์บราวน์



# ECOQUEEN FLOOR

エコクイーンフローアー

Generation II

## Olefin resin flooring Construction instructions

(Adhesive type)

### Introduction [Please read before installation]

- This product is for interior use only. Do not use for exterior use.
- This product can also be used with shoes and heavy traffic.
- It is compatible with underfloor heating, but please do not install directly on underfloor heating.
- When carrying out construction, make sure the moisture content of the concrete underneath the floor is below 10%. If moisture remains, it may cause the flooring to deform after construction.
- Store on a flat surface, stack no more than 8 layers, and avoid storing for long periods in direct sunlight or in places with high temperatures and humidity.
- Do not lean the product against something or stack it horizontally, as this may cause deformation.

### Construction instructions

#### 1. Check the base

- Plywood base
  - Make sure the floor and plywood underneath are free of moisture.
  - Be sure to check carefully for any unevenness, gaps or nail heads.
- Layering
  - Remove any wax from the existing floor surface.
  - Please maintain the smoothness of the existing floor before carrying out construction.
  - If you are applying the adhesive on a plastic floor (such as a PVC floor), please check that there are no areas where the adhesive is not adhered properly. If there is any insufficient area, please replace the adhesive before installation.
  - If you are applying this product on a wooden floor, please check the floor's rigidity carefully. If there are any areas that are not strong enough, reinforce them before installation.

#### 2. Ink drawing

To ensure a good fit, be sure to mark out the starting line at the beginning of the application.

#### 3. Allocation

Lay out the flooring along the reference lines and cut it according to the layout.  
Please leave a gap of 3 to 5mm between the flooring and the wall.

#### 4. Applying adhesive

- Clean the surface. Dirt and dust can cause poor adhesion.
  - The temperature at the installation site below 5°C, please refrain from installation as this may cause poor adhesion or the surface to be pushed up.
- We recommend using adhesive for application. Apply approximately 100g/m<sup>2</sup> with a roller. If using adhesive, carefully read the manufacturer's product guide before application. When applying adhesive, use a toothed trowel to apply approximately 200-300g/m<sup>2</sup>.
- If adhesive gets on the floor surface, wipe it off by a cleaner solvent before the adhesive hardens.
- The open time after applying adhesive is approximately 15 minutes. This time may vary depending on the environment.
- Please apply within 40 minutes of applying the adhesive.

#### 5. Construction method

- Lay out and prepare the flooring material in one row along the reference line.
- Install the second row and beyond in the same manner as the first row.
- Check the cut flooring materials by temporarily arranging them before applying adhesive.
- During installation, make sure there are no gaps or floating, and press material firmly before installation.
- If any floating occurs after construction, please protect it by using weights or other objects.

#### 6. Nursing

- Do not stand or walk on the floor until the adhesive has hardened (24 hours after application) and leave it to cure.
- Do not place heavy objects on the floor during the curing process, as this may cause poor adhesion.
- If direct sunlight causes extreme temperature increases during curing, install a protective curtain.

#### 7. Maintenance

- This product has a surface coating that provides stain resistance, so waxing is not necessary.
- If you use wax, we recommend using a wax that does not impair the surface performance of the surface coating layer.

This product cannot be returned or exchanged after installation.  
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