

About Phomi

Founded in 2008, focusing on the research, development and production of econiclay based materials, we are committed to providing carbon-neutral material solutions to the world. With start-up mentality we develop up-to-date, sustainable material solutions for new challenges of living on our planet.

Phomi is the creator of the MCM (econiclay) industry and has been the global leader and standard setter in this filed. In 2023, it completed a technological iteration, and became the global groundbreaker in two cutting-edge products: eBIPV and eDisplay.

As an technical enabler, we give our material solutions and knowledge to partners to spread it worldwide. How to benefit the entire world with increasing application possibilities of econiclay products, is the responsibility we assume for society and human future.

Phomi has established manufacturing bases in multiple locations, and its products are used in over 120 countries and regions. Its service system covers Europe, North America, the Middle East, Asia, and Africa.



www.phomi.com

I 2025-11-10

DIY eCovering

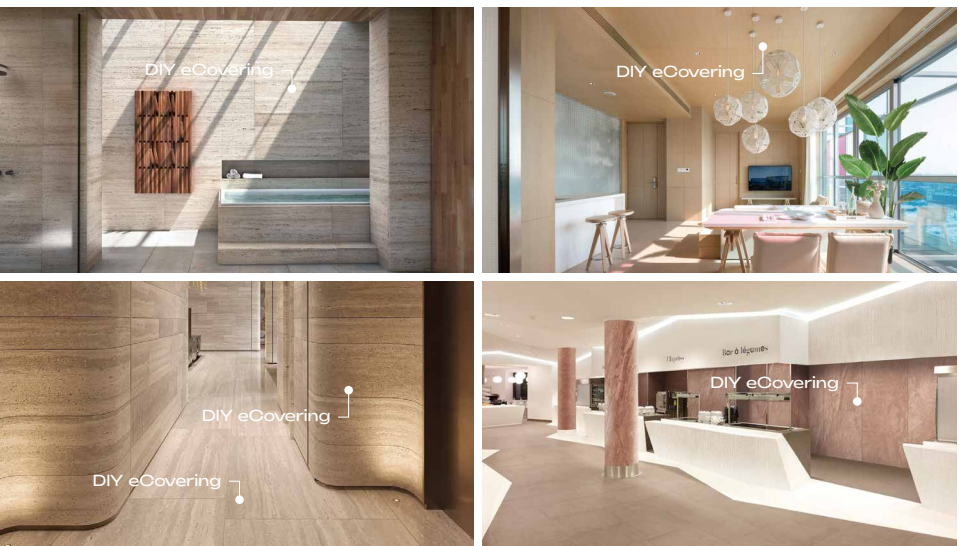
Global Founder, Leader
and Standard Maker
of econiclay Covering(MCM)

DIY eCovering

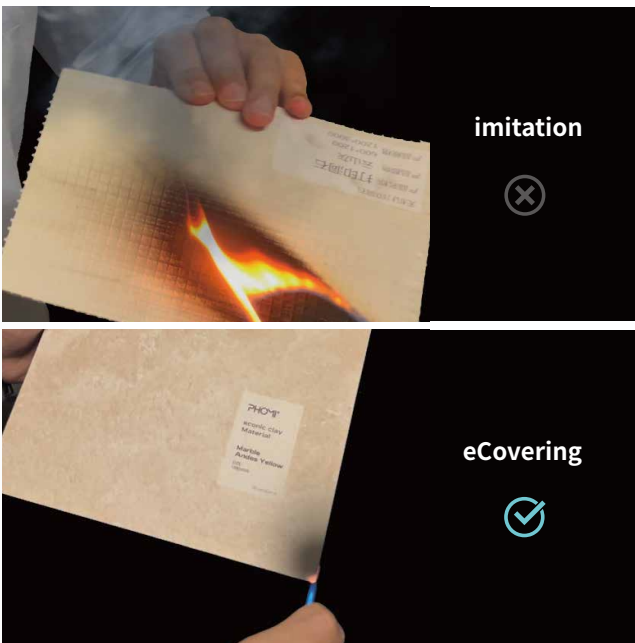


Standard Size (mm)	Package size (mm)	pcs/carton	m ² /carton	Weight(kg)
600x300	640x319x35	8	1.44	6.6
1200x295	1240x314x35	8	2.83	13.2
1200x600	1240x619x18	4	2.88	13.2
2400x1200	2440x1219x14	1	2.88	13.2
3000x600	3040x619x14	2	3.6	16.5
3000x1200	3040x1219x14	1	3.6	16.5

Product Advantages



Applicable scenarios: Suitable for both flat and curved surfaces of indoor walls, floors, and ceilings.



国家建筑材料测试中心
(National Research Center of Testing Techniques for Building Materials)
检验报告
(Test Report)

中心编号: WT2018B01A03450 第2页 共2页

序号	检验项目	标准要求 (表1)		检验结果	单项结论	检验依据
		I 级	II 级			
2	抗冲击性能 (J)	≥99	≥90	100	符合 (I)	GB/T 3955-2007 (2017)
		≥99	≥90	100	符合 (I)	GB/T 3955-2007 (2017)
序号	检验项目	标准要求 (表2)		检验结果	单项结论	检验依据
		I 级	II 级			
3	抗冲击性能 (J)	0	0	0	1 级	GB/T 3955-2007 (2017)
		0	0	0	1 级	GB/T 3955-2007 (2017)

备注:
样品在冲击过程中, 表面无开裂, 即无裂纹 (最大 50 倍) 下观察未见裂纹;
1 级: 表面无裂纹, 即无裂纹 (最大 50 倍) 下观察未见裂纹;
2 级: 表面无裂纹, 即无裂纹 (最大 50 倍) 下观察未见裂纹;

本报告结束

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 65728538 邮编: 100024

CTC 国检集团

Natural material texture;
Low carbon and sustainable.



0.26KG CO₂-E
CARBON
FOOTPRINT



Class A Fire Resistance: eCovering emits a bread-like aroma when exposed to open flames.

In contrast, imitations burn with persistent flames, releasing thick smoke and a pungent plastic odor that can be toxic.



Mold and bacteria-resistant

DIY eCovering is a product line of econiclay coverings that focuses on interior decoration.

eCoverings have been tested and proven over 18 years and under extreme weather conditions, with more than 60 million square meters applied in over 120 countries.

Certifications



US Patent
Patent No.
US 8505840 B2
US 10155694 B2



EU Patent
Patent No.
2157139



International Organization
for Standardization
Certification No.
QA/CN/135158'C



EU EPD Environmental
Product Declaration



U.S. UL Green Guard
Certification



EU Fireproof Material
Certification



Singapore Green Label
Certification No.
024-013-2219



CE certification



Built to Last: Applied for 18 years under various extreme climates, with over 60 million m² of application cases in 120 countries/regions



Versatile Applications: Salt spray resistant, freeze-thaw resistant, breathable, lightweight, and easy to install; suitable for irregular shapes, ceilings, bathrooms, and more

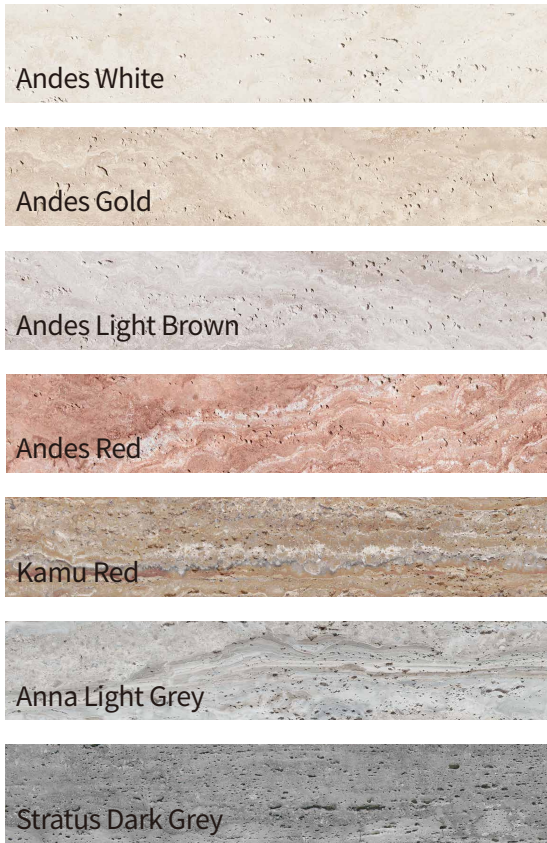


Endless Aesthetic Options: Achieves the look and feel of natural materials such as stone, wood, brick, leather, and weaving materials

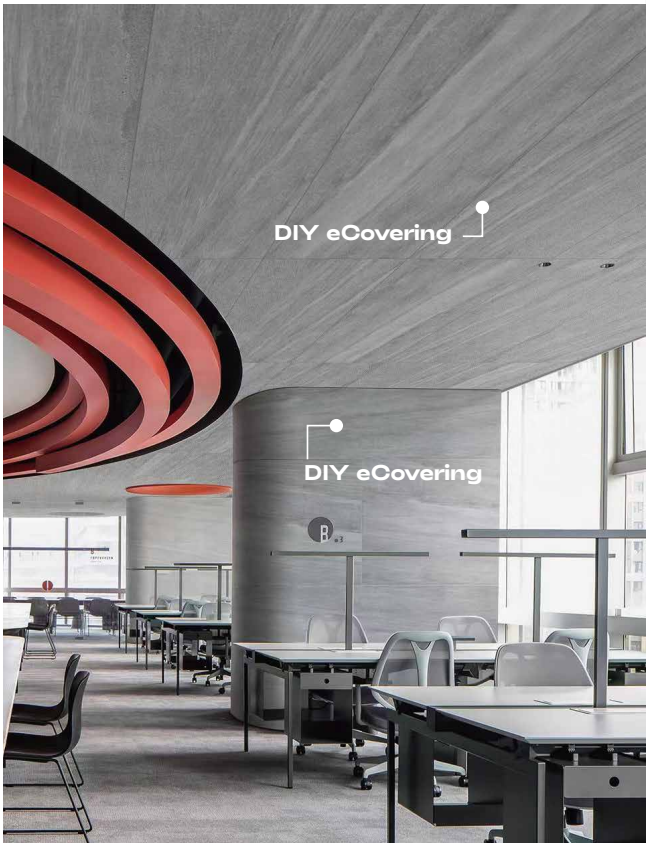
DIY Rome Travertine



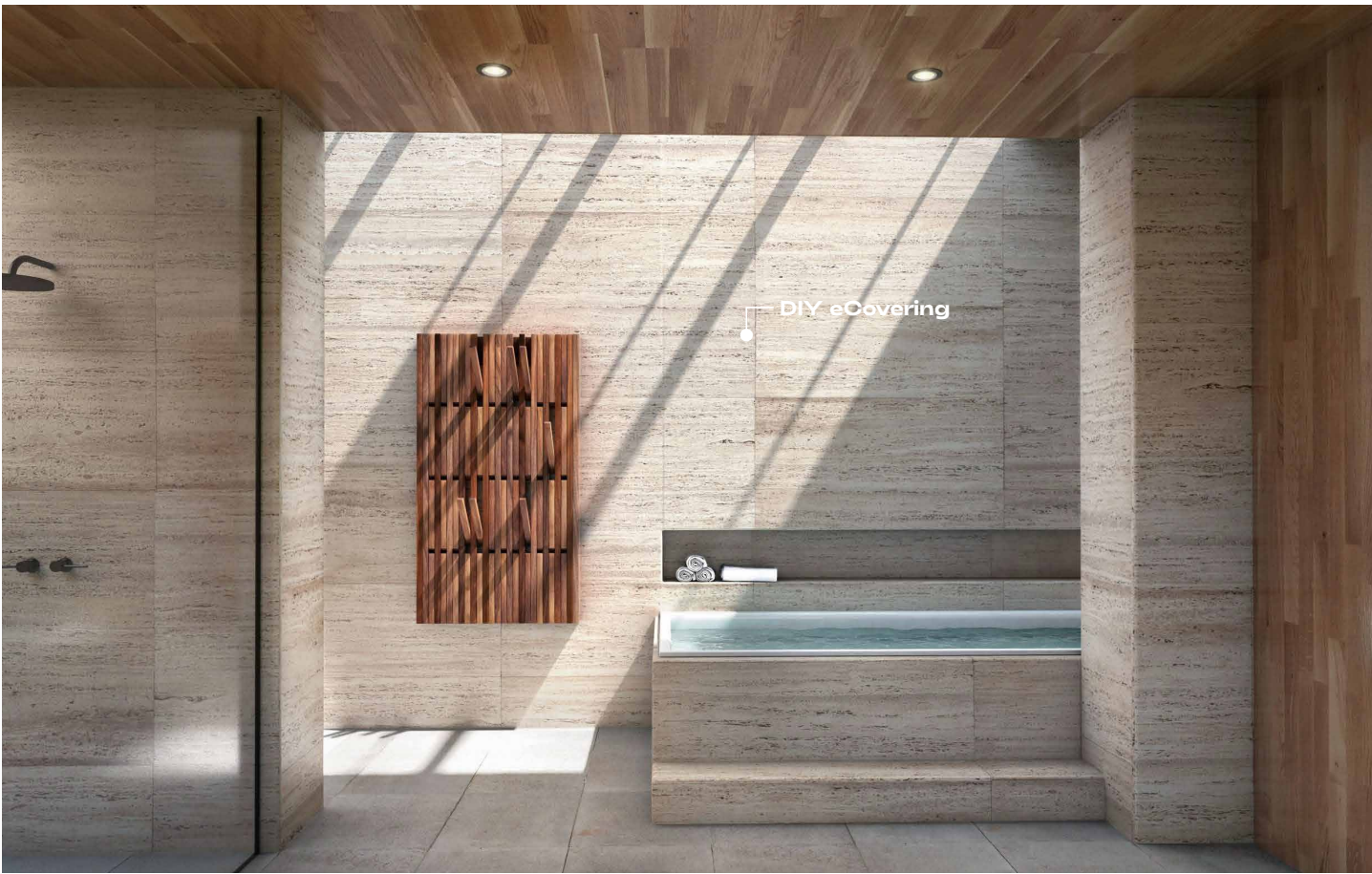
Rome Travertine Kamu Grey



Standard Stock Specification(mm):
600x300 / 1200x600
Other customized textures and patterns are available.
Colors are for reference only. Please refer to the actual product.



Office

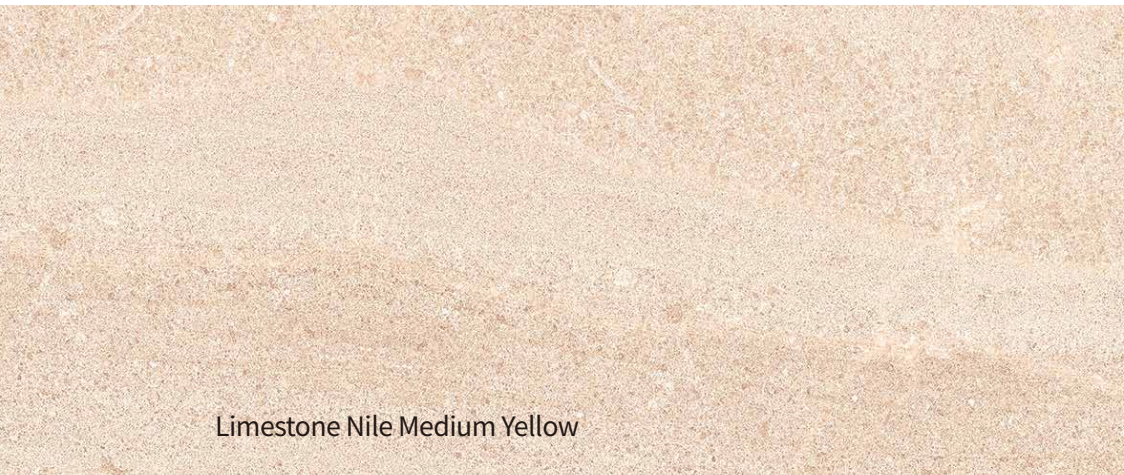


Bathroom

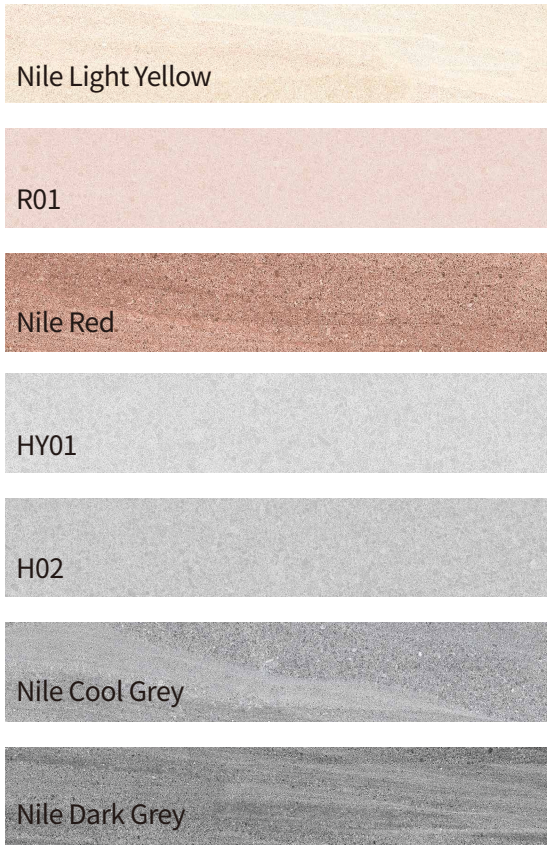


Elevator

DIY Limestone

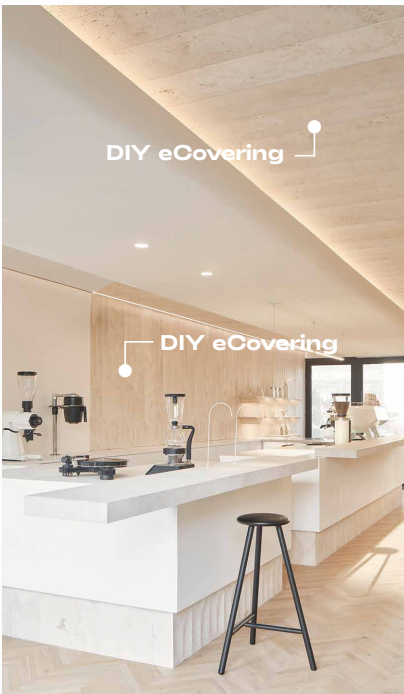


Limestone Nile Medium Yellow

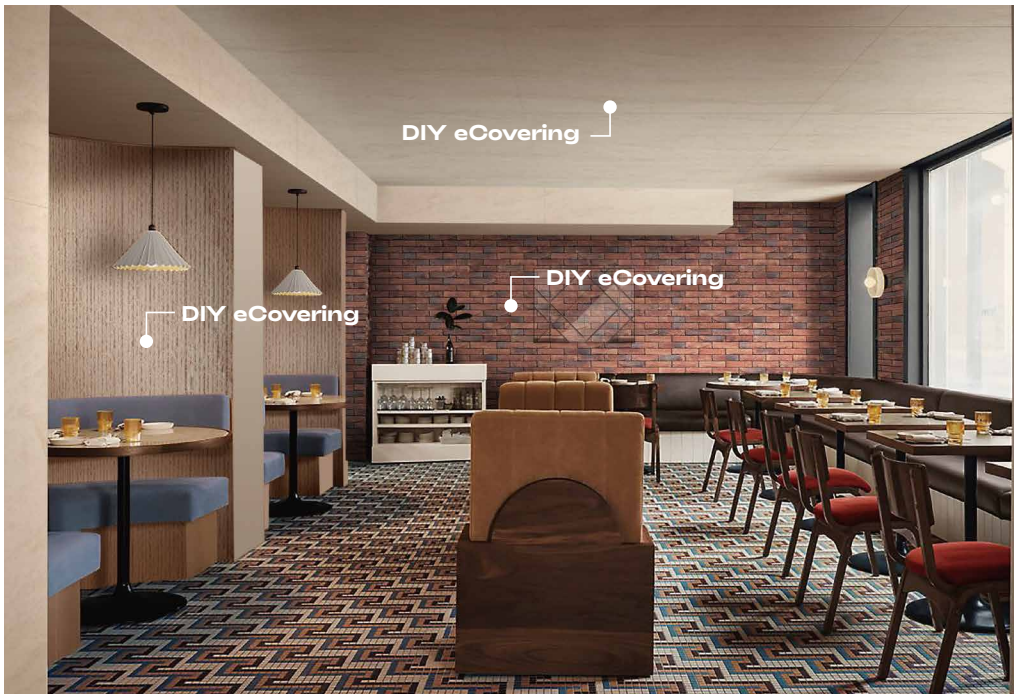


Garment store

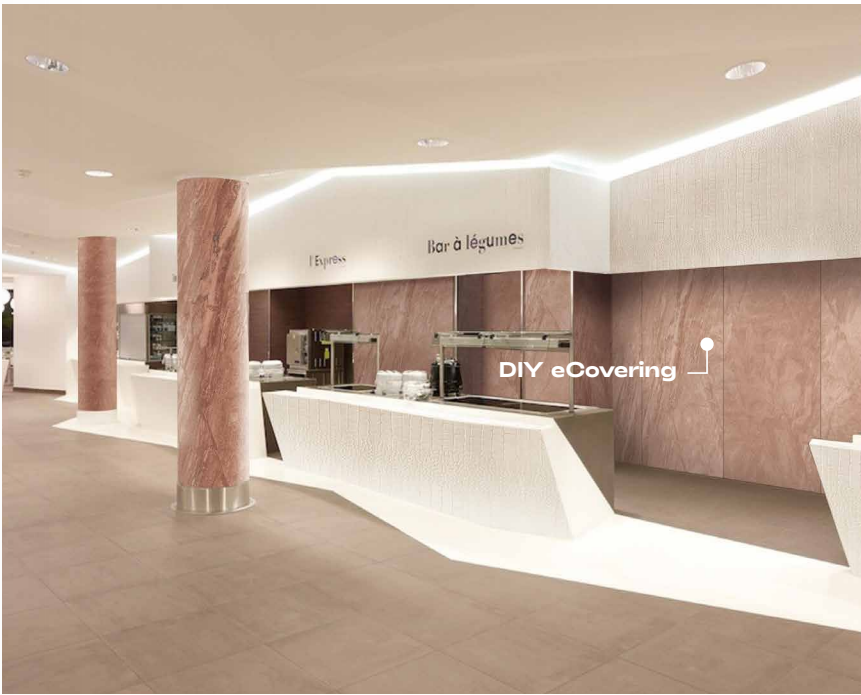
Standard Stock Specification(mm):
600x300 / 1200x600
Other customized textures and patterns are available.
Colors are for reference only. Please refer to the actual product.



cafe

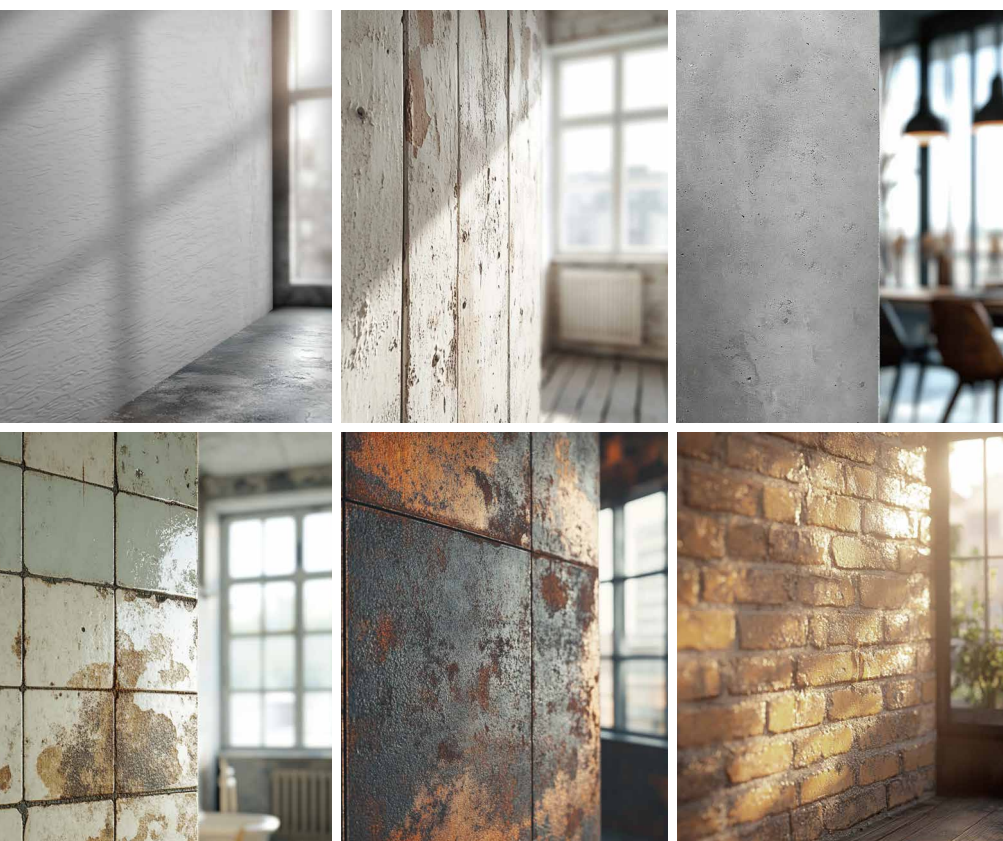


Restaurant



Hotel

Application Notes

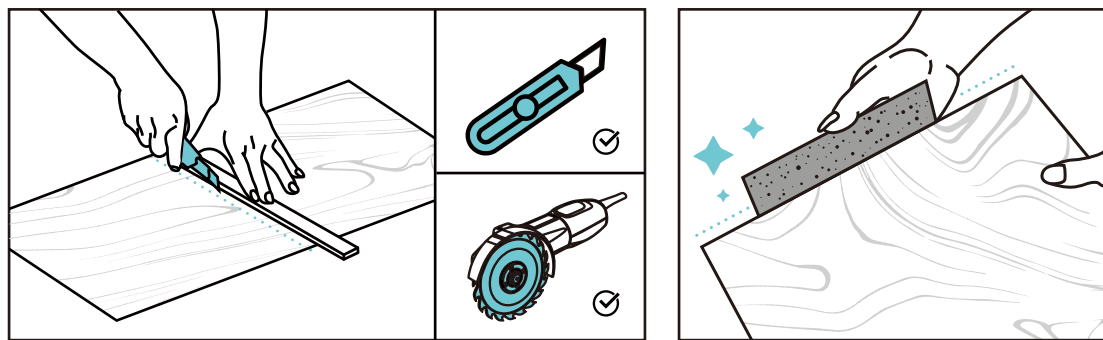


Applications

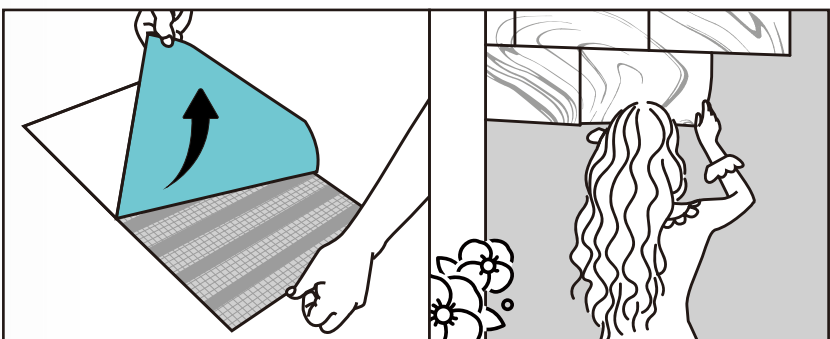
painted wall, wood panel, cement surface, tile, glass, metal surface, HDF, etc.

Surface requirement

- ✓ flat
- ✓ clean
- ✗ no powdering
- ✗ no bulge
- ✗ no oil stains

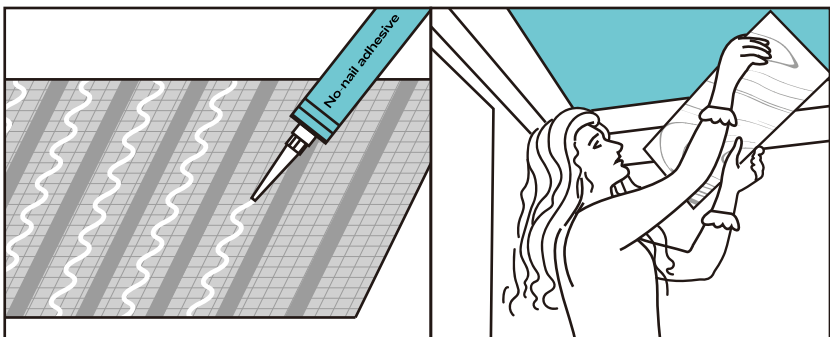


Can use paper cutter or handhold grinder to cut it and then use sandpaper to polish the edges.



For wall:
peel off the backing paper, and paste it directly on the wall.

For ceiling:
peel off the backing paper and apply the no-nail adhesive as shown and then paste it on the ceiling.



For home or office floor:
it is recommended to apply 1 to 3 layers of finish coat, and then wait for 48 hours.

For bathroom floor:
peel off the backing paper, apply the tile adhesive to cover over 90% of area, and then paste it and wait for 48 hours.

