



RCI

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DYNASTY **TILETOP**

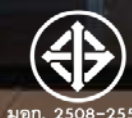
Together, We go

RCI INNOVATION

FULLBODY/HOMOGENEOUS

Thai Producer

Proudly presents



RCI

MADE IN THAILAND
Award

2023 2024



Thailand's Top Corporate Brand

Our Brand

Royal Ceramic Industry Pub Co., Ltd



- Leading tile manufacturer and distributor in Thailand
- 3 factories with a total capacity of 84 million sq.m. per year
- 23 million sq.m. ready for shipment
- 201 outlets nationwide
- Wide variety of tile designs
- Sales team with fast and responsive service

DISTRIBUTED BY

DYNASTY TILETOP

Together, We go



Our Product

Elevated to world-class standards

RCI CERAMIC

RCI PORCELAIN

**RCI FULL BODY
HOMOGENEOUS**



Our Manufacturing

Process





Type



Raw
Material



Firing
Temperature



Breaking
Strength

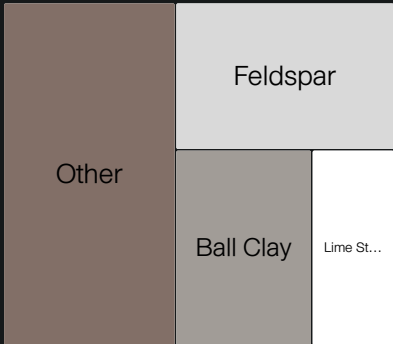


Water
Absorption



Usage

Glazed
Wall Tile



≈ 1,100–1,120°C

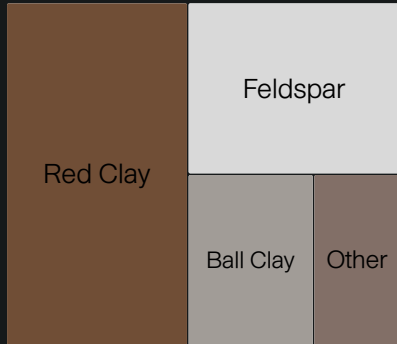
60 Kgs
Modulus of Rupture
> 120 Kgs/cm²

High (15-22%)



Interior Wall Tile

Glazed
Floor Tile



≈ 1,140-1,170°C

> 90 Kg
Modulus of Rupture
> 250 KG/cm²

Low to medium
(6-10%)



Interior - Exterior
Floor Tile

Glazed
Porcelain Tile



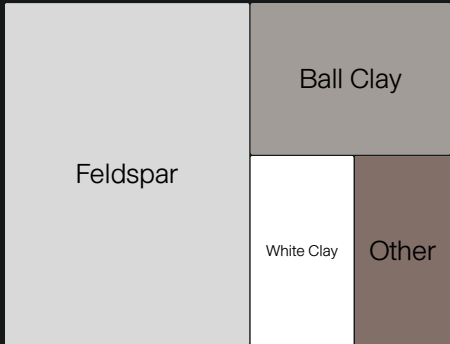
≈ 1,180-1,200°C

> 250 Kg
Modulus of Rupture
> 400 KG/cm²

Very low (<0.5%)

Interior - Exterior
Floor Tile

Homogeneous
Tile



≈ 1,180-1,200°C

> 250 Kg
Modulus of Rupture
>400 KG/cm²

Very low (<0.5%)

Interior - Exterior
Floor Tile



RCI CERAMIC

RCI PORCELAIN

RCI FULL BODY
HOMOGENEOUS

Classification

RCI

Ceramic Wall Tile – Group **BIII & BIIb** (High Water Absorption > 10%)

25 cm x 40 cm (Sw 250 mm x 400 mm x 7.4 mm) GL, BIII, NON-RECTIFIED

30 cm x 50 cm (Sw 300 mm x 500 mm x 9.5 mm) GL, BIIb, NON-RECTIFIED

Ceramic Floor Tile – Group **BIIb** (Medium Water Absorption 6–10%)

30 cm x 30 cm (Sw 301 mm x 301 mm x 7.2 mm) GL, BIIb, NON-RECTIFIED

40 cm x 40 cm (Sw 400 mm x 400 mm x 8.8 mm) GL, BIIb, NON-RECTIFIED

30 cm x 60 cm (Sw 300 mm x 600 mm x 9.5 mm) GL, BIIb, RECTIFIED

60 cm x 60 cm (Sw 600 mm x 600 mm x 9.5 mm) GL, BIIb, RECTIFIED

60 cm x 120 cm (Sw 600 mm x 1200 mm x 12.5 mm) GL, BIIb, RECTIFIED

Porcelain and Full Body Tile – Group **Bia** (Very Low Water Absorption <0.5%)

30 cm x 60 cm (Sw 300 mm x 600 mm x 10.0 mm) GL, Bia, RECTIFIED

60 cm x 60 cm (Sw 600 mm x 600 mm x 10.0 mm) GL, Bia, RECTIFIED

60 cm x 120 cm (Sw 600 mm x 1200 mm x 9.5 mm) GL, Bia, RECTIFIED

Our Technical

Ceramic Tile



มาตรฐานคุณสมบัติ / Qualification Standard					
Description		Norm	Standard (Rectified)		DYNASTY TILETOP/ RCI Standard
กลุ่มสินค้า			(ISO 13006:2018) / (มอก. 2508-2555)		FLOOR TILE
Product Classification			Group BIIb (6% < E ≤ 10%)		Group BIIb
			%	mm	mm
ขนาดของกระเบื้อง					
Dimension and Surface Quality		ISO 10545-2	± 0.3%	± 1.0	599.50 – 600.50
ความหนา			-	-	
Thickness		ISO 10545-2	± 5%	± 0.5	9.00-10.00
ความตรงขอบ			-	-	-
Straightness		ISO 10545-2	± 0.3%	± 0.8	± 0.6
ความโค้งงอ			-	-	
Rectangular		ISO 10545-2	± 0.3%	± 1.5	±1.2
ความราบของผิว					
Flatness : Convex (+) / Concave (-)					
	• ความโค้งตรงกลาง (Center Curvature)	ISO 10545-2	± 0.4%	± 1.8	± 1.5
	• ความโค้งที่ขอบ (Edge Curvature)	ISO 10545-2	± 0.4%	± 1.8	± 1.2
	• ความบิดเบี้ยว (Warpage)	ISO 10545-2	± 0.4%	± 1.8	± 1.2
การดูดซึมน้ำ			-	-	
Water absorption		ISO 10545-3	6% < E ≤ 10%		6% < E ≤ 10%
ความต้านแรงกดแตก		ISO 10545-4	Thickness >7.5 mm. : ≥ 1000 N		≥ 1000 N
Breaking strength			Thickness > 7.5 mm. : ≥ 700 N		
โมดูลัสแตกร้าว					
Modulus of Rupture : MOR		ISO 10545-4	≥ 16 N/mm ²		≥ 22 N/mm ²
การทนการขัดถูหน้าของกระเบื้องปูพื้นชนิดเคลือบ					
Resistance to Surface Abrasion : Glazed Tiles		ISO 10545-7	Report Abrasion Class and cycle passed		Class 2 (Minimum) ; Cycles passed : 600

Our Technical

Porcelain Tile

มาตรฐานคุณสมบัติ / Qualification Standard					
Description		Norm	Standard (Rectified)		RCI Standard
กลุ่มสินค้า			(ISO 13006:2018) / (มอก. 2508-2555)		Rectified Glazed Porcelain Tile
Product Classification			Group Bla (E ≤ 0.5 %)		Group Bla
			%	mm	mm
ขนาดของกระเบื้อง					
Dimension and Surface Quality		ISO 10545-2	± 0.3%	± 1.0	599.50 – 600.50
ความหนา			-	-	
Thickness		ISO 10545-2	± 5%	± 0.5	9.50 – 10.50
ความตรงขอบ			-	-	-
Straightness		ISO 10545-2	± 0.5%	±0.8	± 0.6
ความโค้งงอ			-	-	
Rectangular		ISO 10545-2	± 0.6%	± 1.5	± 1.3
ความราบของผิว					
Flatness : Convex (+) / Concave (-)					
	• ความโค้งตรงกลาง (Center Curvature)	ISO 10545-2	± 0.4%	± 1.8	± 1.6
	• ความโค้งที่ขอบ (Edge Curvature)	ISO 10545-2	± 0.4%	± 1.8	± 1.6
	• ความบิดเบี้ยว (Warpage)	ISO 10545-2	± 0.4%	± 1.8	± 1.6
การดูดซึมน้ำ			-	-	
Water absorption		ISO 10545-3	E < 0.5 %		≤ 0.5%
ความต้านแรงกดแตก		ISO 10545-4	Thickness ≥ 7.5 mm. : ≥ 1300 N		≥ 1300 N
Breaking strength			Thickness < 7.5 mm. : ≥ 700 N		
โมดูลัสแตกร้าว					
Modulus of Rupture : MOR		ISO 10545-4	> 35 N/mm ²		≥ 35 N/mm ²
การทนการขัดถูหน้าของกระเบื้องปูพื้นชนิดเคลือบ					
Resistance to Surface Abrasion : Glazed Tiles		ISO 10545-7	Report Abrasion Class and cycle passed		Class 2 (Minimum) ; Cycles passed : 600

Our Quality

Testing

*Breaking strength test



Granito Tile (Imported)

RCI CERAMIC

RCI PORCELAIN

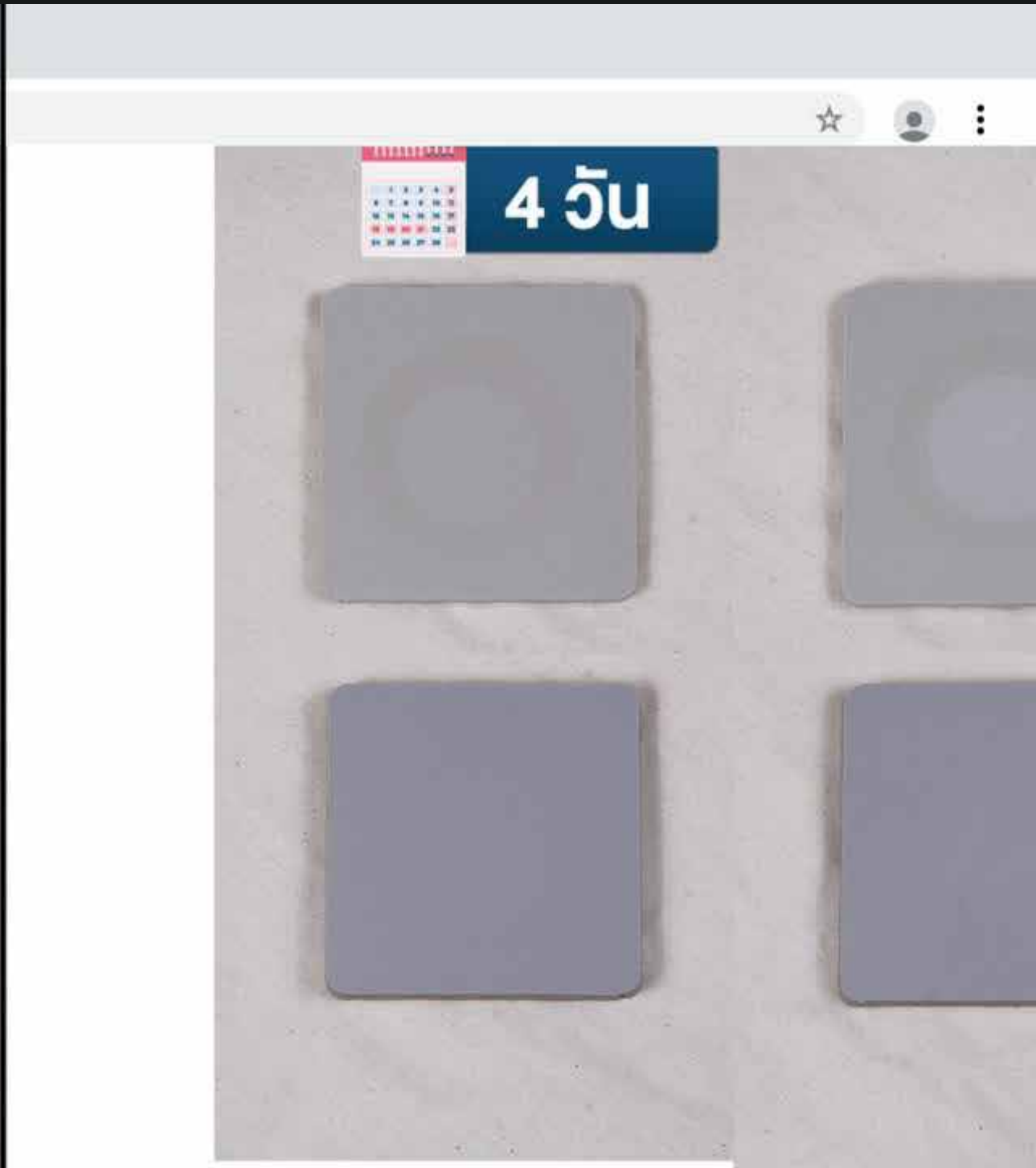
Our Quality

Testing

*Household and chemical resistance test

Granito Tile
(Imported)

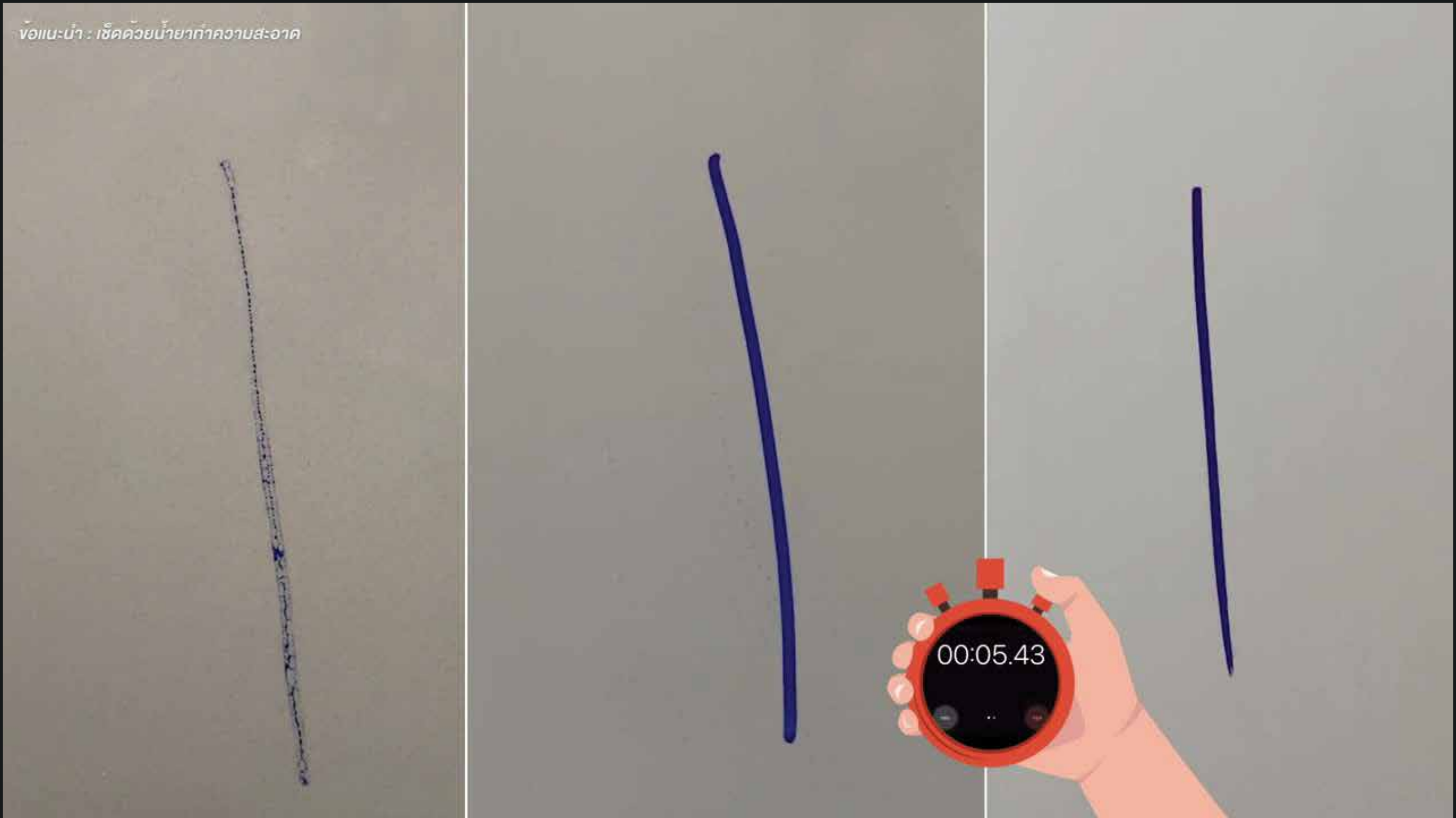
RCI PORCELAIN



Our Quality

Testing

*Marker resistance test



Granito Tile (Imported)

RCI CERAMIC

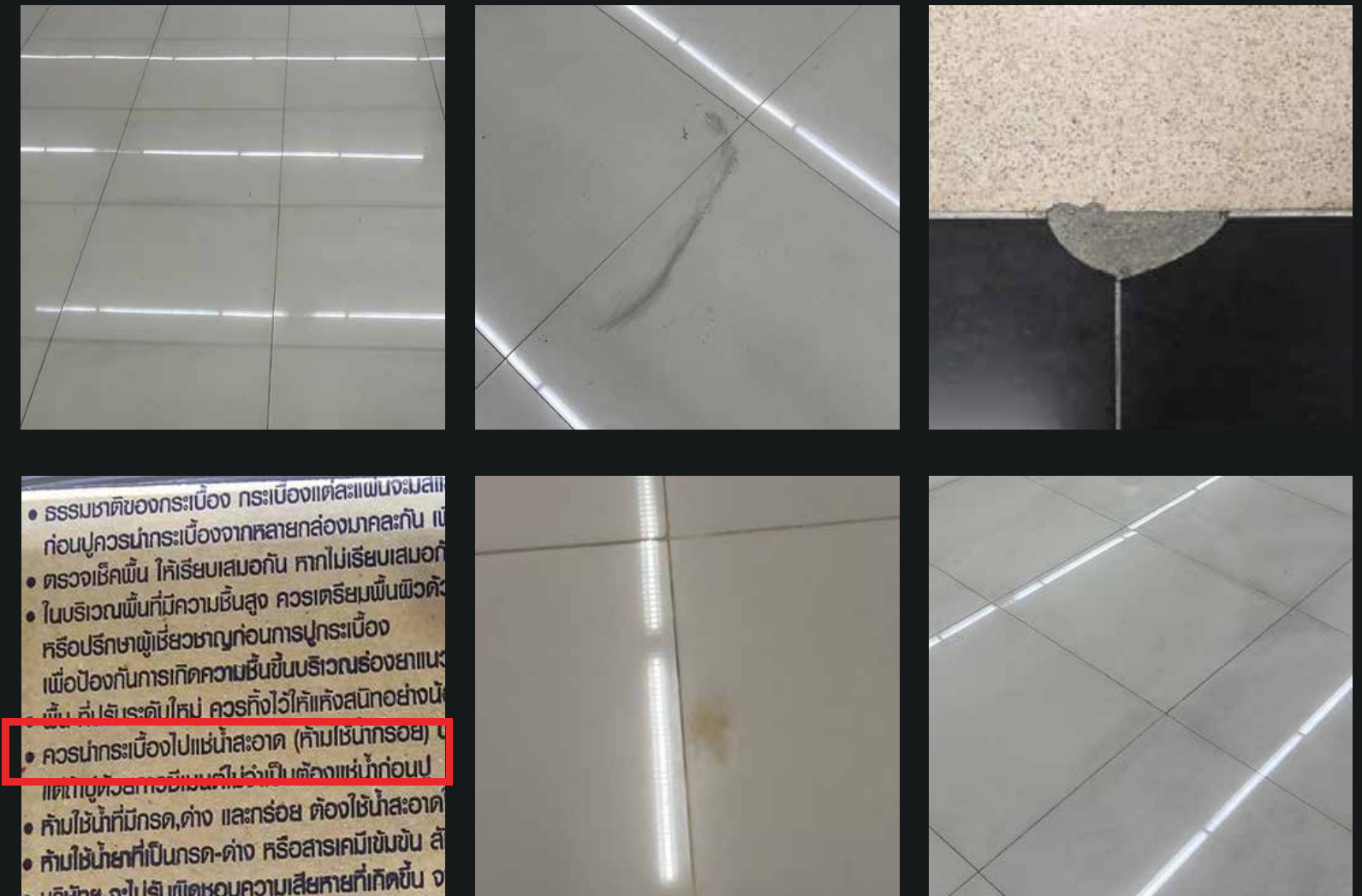
RCI PORCELAIN

Differences

Granito VS Our Porcelain Tile

Design	Restricted color schemes and patterns	A wide range of textures, patterns, and sizes. Suitable for every design
Surface	Scratches on a polished surface may cause stains	Glazed ceramic and porcelain for enhanced surface protection
Repair	Impossible to order same shade.	Locally produced and stocked
Cleaning	Need particular chemicals for maintenance	Easy to maintain, durable, no need for special care
Delivery time	Waiting time: up to 6 months	Ready to ship, complete project on time

Granito Tile (Imported)



Our Texture

Finishing



Finishing	Definnition	Surface Gloss Level	Surface Roughness	Slip Resistance	Recommended Application Areas
Crystal Polished	A polished glazed surface that is smooth and glossy, achieved through a polishing process after firing.”	High gloss level, with a gloss meter reading of no less than 80.	The surface is smooth and even, with no roughness.	The surface has a high level of slipperiness.	Dry indoor areas, especially wall surfaces.
Opaque Honed	A smooth, reflectionless glazed surface achieved through a polishing process after glazing.	High gloss level, with a gloss meter reading of no less than 10.	The surface is smooth and even, with no roughness or irregularities.	The surface has a medium level of slipperiness.	Dry indoor flooring
Satin	A smooth and soft-finish surface created by glazing, with a possibility of light reflection or mild sheen.	Medium gloss level, with a gloss meter reading of no less than 50°. The surface may exhibit some light reflection.	The surface is smooth and level, with no roughness.	The surface has a moderate level of slipperiness.	Dry indoor floor
Matte	A smooth, non-rough surface created by color glazing; dull and non-shiny finish.	Medium gloss level, with a gloss meter reading of no less than 30°, and a non-reflective surface.	The surface texture can be physically felt by touch.	The surface has a low to moderate level of slipperiness.	Occasionally wet areas without standing water ,either indoors or outdoors.
Molded Structure	A textured or patterned surface created by the pressing mold process, resulting in an uneven finish.	The level of gloss or matte finish depends on the glazing surface.	The level of smoothness or roughness depends on the surface glaze.	The level of friction or slipperiness depends on the surface glaze.	Various applications depending on the surface finish.
Special Texture	Special textured surface effects, such as glossy sugar crystals, matte granules, shimmering particles, or reflective glister finishes.	The level of gloss or matte finish depends on the surface glaze.	The degree of smoothness or roughness depends on the surface glaze.	The degree of friction or slipperiness depends on the surface glaze.	Versatile application areas depending on the tile surface.
Anti-Slip	Anti-slip tile surface with grip to enhance safety.	The level of slip resistance depends on the surface glaze.	The level of surface smoothness or roughness depends on the glaze.	The surface maintains relatively high friction when wet.	Wet area

RCI GLAZED
CERAMIC

RCI GLAZED
CERAMIC

Our Products

Glazed Ceramic

Our Products

Glazed Porcelain

RCI PORCELAIN



Our Products

RCI

RCI FULL BODY
HOMOGENEOUS

RCI PORCELAIN
FOSSIL GREY EXTERNAL SLIM
SKU: RHF0001
RANDOM: 4 PATTERN
SURFACE: MATT
SLIP RESISTANCE: R12

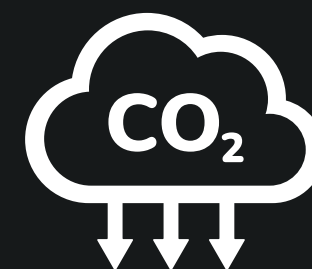
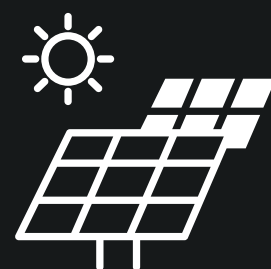


Our Customizing



VOCs & GWP

Uses natural inorganic raw materials in tile production, with a high-temperature firing process that results in zero VOC (Volatile Organic Compounds) emissions.



GWP (Global Warming Potential): Reduces environmental impact by using solar energy, natural gas firing to lower CO₂ emissions, and incorporating water treatment and raw material recycling in the production process.





Life-saving support

108+
people



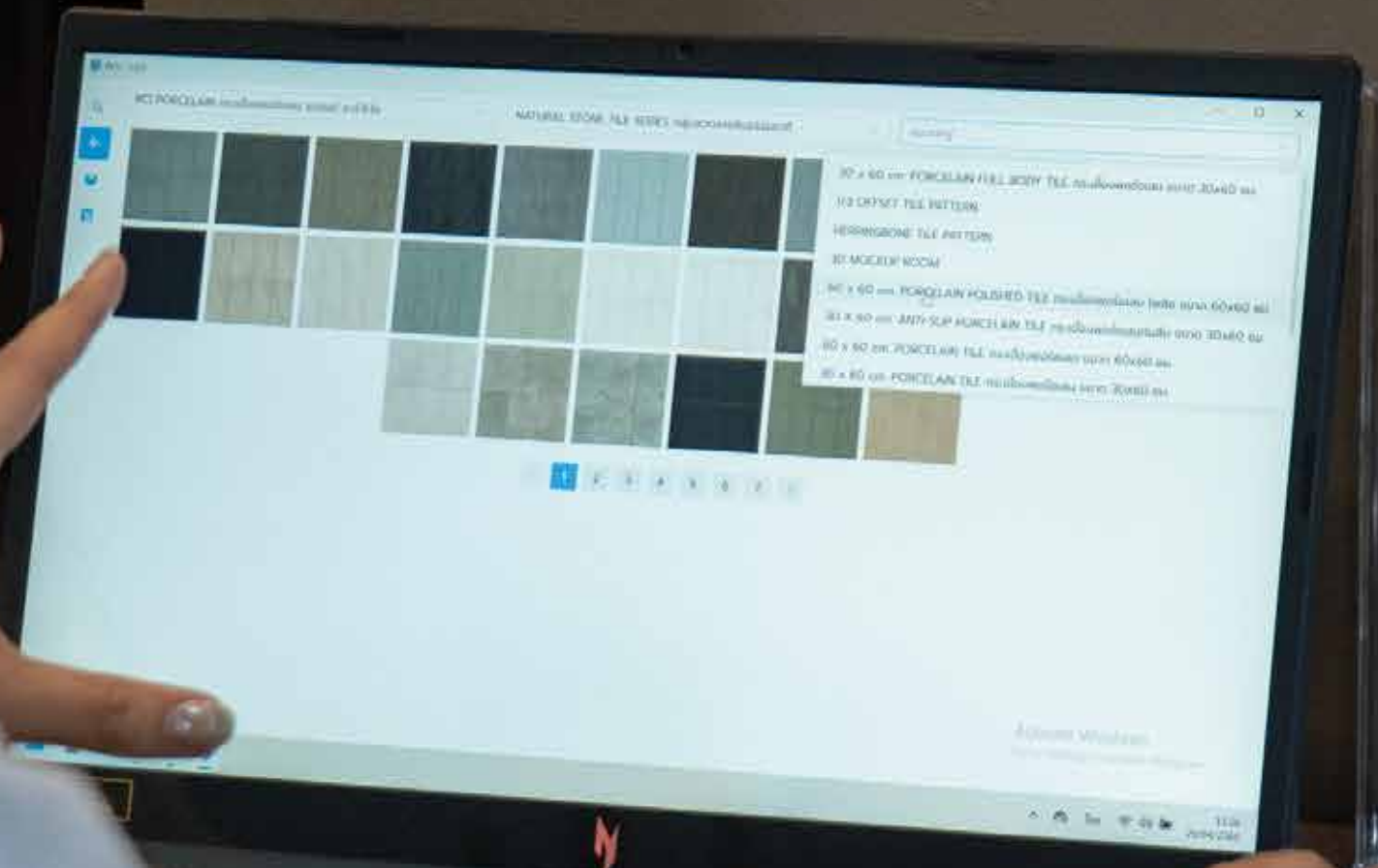
Tile Donation

35+
locations



Our 3D Service

Mockup room



RCI SketchUp Plugin



RCI

Our Key Customers

DYNASTY TILETOP
RCI PORCELAIN

RCI

Small & Medium Businesses



Large Businesses



Our Project

References

RCI

XT PHAYATHAI



YANH RATCHAWAT



S GATE LIFE



VIBHAVADI HOSPITAL



TOPS FINE FOOD



KRITSADA STEAK HOUSE



SUPALAI CONDO CITY RESORT



THE ORIGIN BANGNA - BANGPAKONG



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www.rcitiles.com