

Exterior 2.0

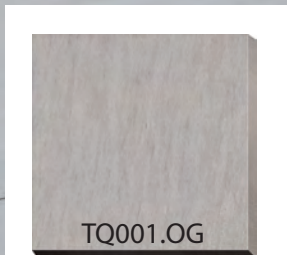
Outdoor Porcelain



SUNNYWEI STONE

Building Stone, Landscape Stone And Designed Stone

ELEGANT SYTLE



TQ001.OG

Olive Gray

Barrie, Ontario

TRANSCENDING APPEARANCE

S U N N Y W E I S T O N E is the leading company in outdoor porcelain applications. Exclusively authorized and responsible for eastern part of Canada including; Ontario, Quebec, New Brunswick, Newfoundland, Labrador, Nova Scotia and Prince Edward Island.

Exterior 2.0
Outdoor Porcelain

Outdoor Area
Urban Square
Villa Terrace
Recreational Chamber
Public Transport Stations
Shops
Conference &
Exhibition Centre
Driveway
Patio
Facade Cladding
and more.....

Exterior 2.0

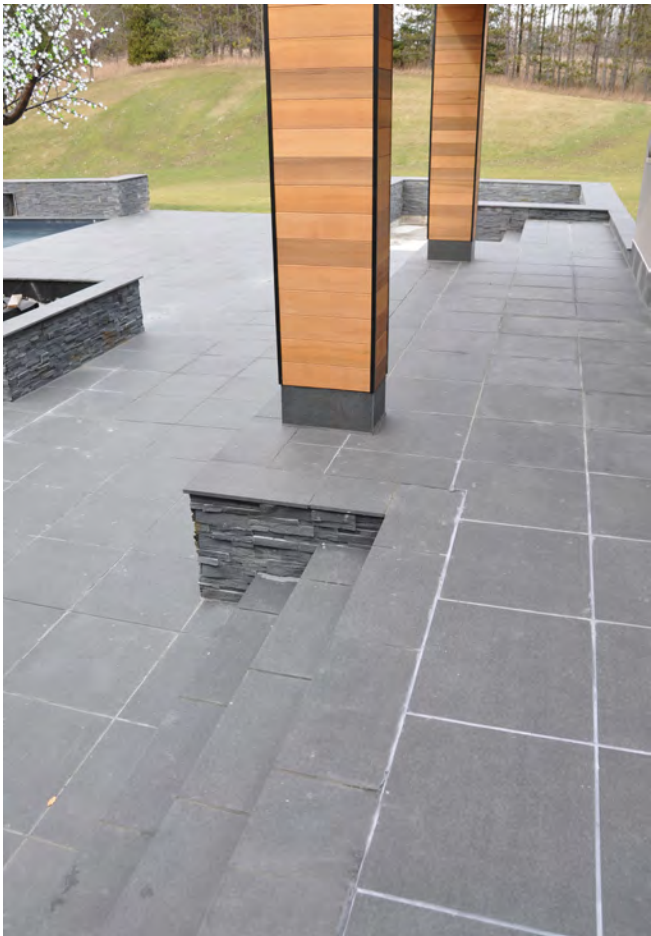
Outdoor Porcelain



GP017.IB

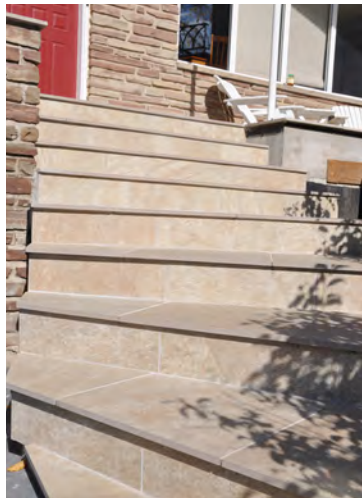
Indus Black







North York, Ontario



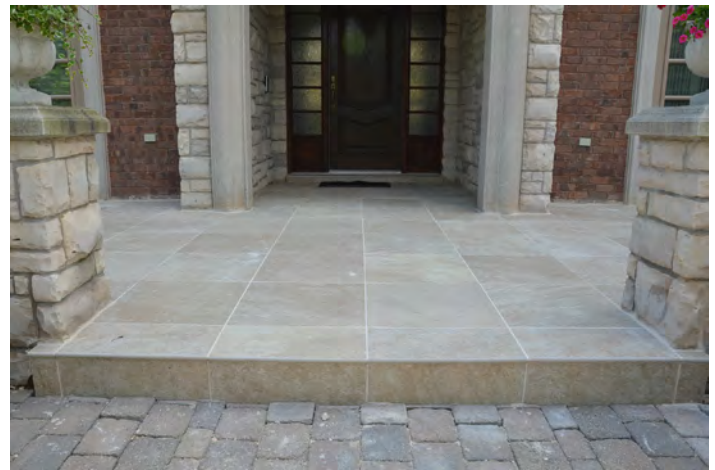
Exterior 2.0

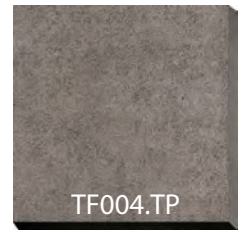
Outdoor Porcelain



VB011.WG
Wood Grain

Richmond Hill, Ontario

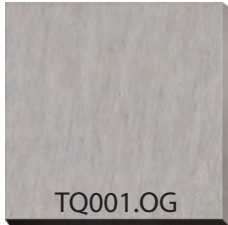




TF004.TP

Taupe

North York, Ontario



TQ001.OG

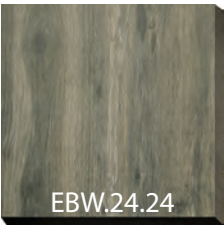
Olive Gray

Toronto, Ontario

Wood Porcelain



OAKW.24.24
Oak Wood



EBW.24.24
Ebony Wood



GRW.24.24
Grey Wood

Stone Porcelain



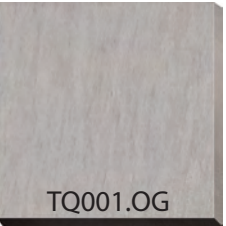
GP003-2.CL
Creamy Lime



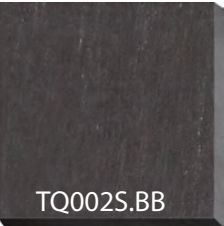
GP004S.SG
Slate Gray



GP008S.CB
Charcoal Brown



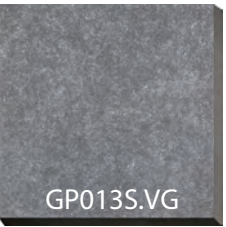
TQ001.OG
Olive Gray



TQ002S.BB
Black Basalt



TQ003.GD
Gold



GP013S.VG
Silver Valley Gray



GP017.IB
Indus Black



TF004.TP
Taupe



VB011.WG
Wood Grain

More Colors For Projects and Customer Orders



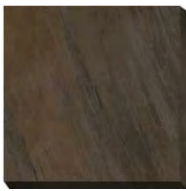
GP005



GP006S



TF026



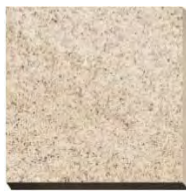
TF027



TF036



TF037S



TF051



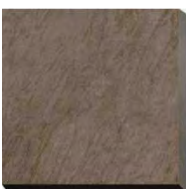
TF059



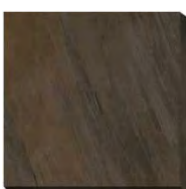
GP005



GP006S



TF026



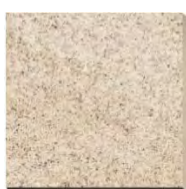
TF027



TF036



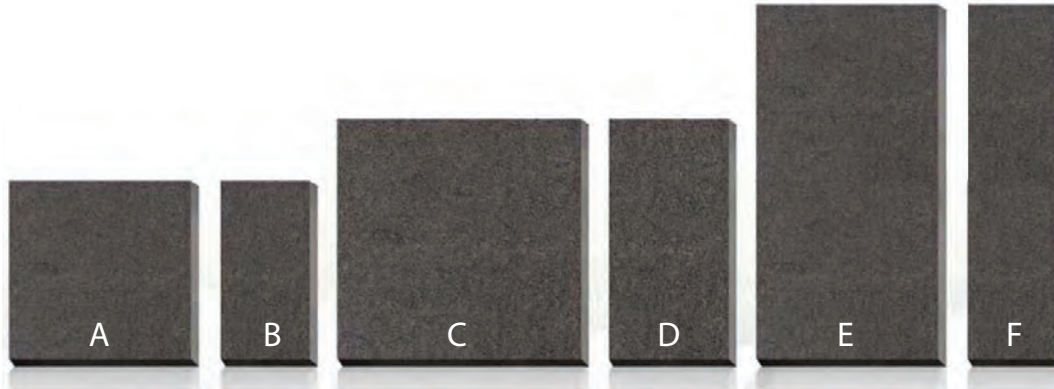
TF037S



TF051



TF059



Regular Sizes:

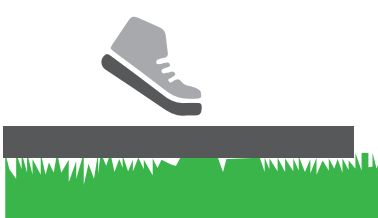
- A) 600 x 600 x 20mm
- B) 300 x 600 x 20mm
- C) 800 x 800 x 20mm
- D) 400 x 800 x 20mm
- E) 600 x 1200 x 20mm
- F) 300 x 1200 x 20mm

4 Key Methods of Applications

The range of application use of Eco-Outdoor 2.0 Porcelain is very broad. It can be used on top of grass, gravel or concrete. It can also be used on stone or other normal construction ceramics, and adhered to cement mortar.

It also can be paved with screwjack pedestals, especially for surfaces below construction that still requires the layout of water pipes and electric cables etc. Which will make it quick, convenient and effortless to undergo maintenance.

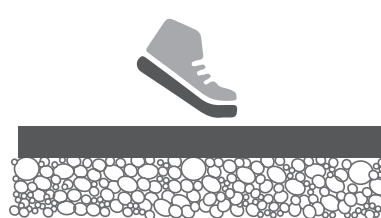
Paving on grass



1

2

Paving on gravel



Paving with concrete



3

Paving with screwjack pedestals



4

Advantages of Full Body Porcelain:



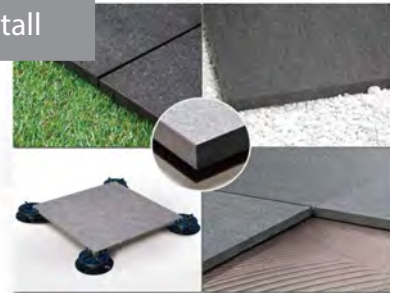
Green leaf certification

- Formulation 1: Light color recycle content of material for mainbody 24.59%
- Formulation 2: Dark color recycle content of material for mainbody 41.73%



Easy to install

- When using screwjack pedestal you can easily install cables and water pipes below.
- Easy installation, even non-professional people can handle.

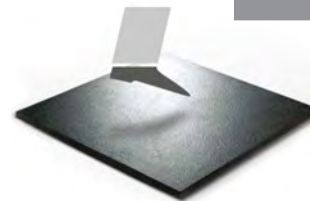


Low water absorption



- Passed GB/T3810.3, water absorption $\leq 0.3\%$. Granite and marble water absorption between 0.3%-1.5%.

Anti-slip



- Achieve American and Australian ASTM standards dry and wet ≥ 0.7 :
- Achieve European CE EN 14411 standard R11:

High Load Capacity



- Passed GB/T3810.4 breakage load **8000N**, exceed natural stone 2500N:
- 2 cm thickness strength of porcelain can handle the weight of a 4 cm thickness of stone.

Abrasion resistance



- Thermal shock and frost resistant
- Using nanotechnology photocatalyst technology to reinforce the anti-fouling capacity.

Restore stone















- We are using the high-tech production equipment to produce 2cm full body porcelain. No matter the pattern or the texture, it can completely restore the stone and exceed the stone.

Color uniformity



- Layout on large area with low color shading:
- Under the advanced technology of full body porcelain, it will avoid the problems from a natural stone. Problems such as shading, internal cracks and color fading.

Technical Specification

TECHNICAL CHARACTERISTICS		TEST METHOD	PLAIN TILE
	Water Absorption	ISO 105543-3	E≤ 0.5%
	Frost Resistance	ISO 10545-12	Resistant
	Bending Strength	ISO 10545-4	2 CM≥810Kg/cm² 1 CM≥80N/mm²
	Breaking Strength (S)	ISO 10545-4	1 CM≥2100N 2 CM≥8000N
	Resistance to Deep Abrasion	ISO 10545-6	≤ 145 mm³
	Thermal Expansion	ISO 10545-8	α≤ 7 x 10 ⁻⁶ °C ⁻¹
	Thermal Shock Resistance	ISO 10545-9	Resistance
	Chemical Resistance	ISO 10545-13	Resistance
	Stain Resistance	ISO 10545-14	Resistance
	Slip Resistance	DIN 51130	1 CM R9 1 CM R11
	Coefficient of Friction (C.O.F.)	ASTM C1028	Wet/Dry ≥ 0.7
	Shading		V2 V3

Pedestal System

TECHNICAL CHARACTERISTICS OF PEDESTALS

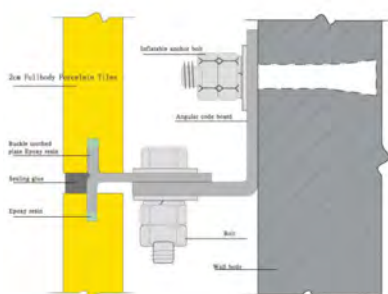
SUPPORT MADE FROM 100%
RECYCLABLE MATERIAL

RESISTANT TO ACID AND
ALKALISOLUTIONS

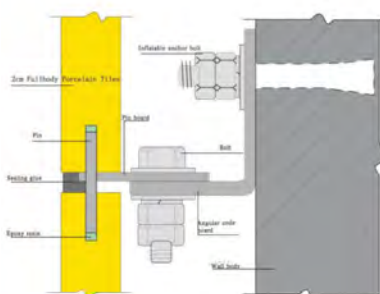
RESISTANT TO ATMOSPHERIC
AGENTS

RESISTANT TO TEMPERATURES
FROM -30 TO +120°C

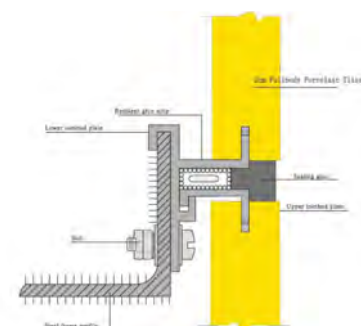
Typical Methods of External Wall Installation



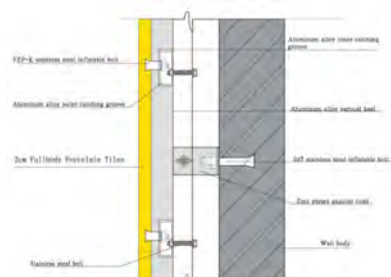
1. Stainless Steel Catching Groove Type Hanging Fitting



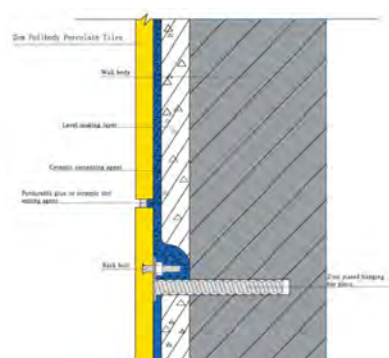
2. Stainless Bolt Type Hanging Fitting



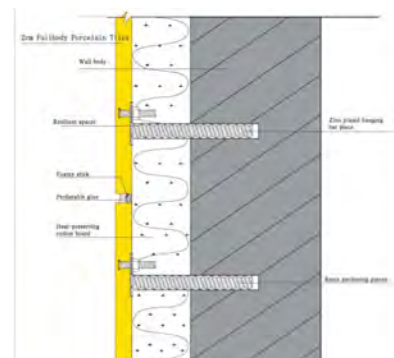
3. Aluminum AllowyCatching Groove Type Hanging Pieces Fitting



4. German Fischer Back Bolt Type Hanging Pieces



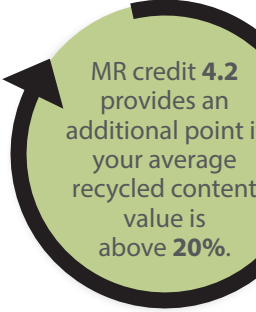
5. Keel-less Hanging and Sticking Fitting



6. Keel-less Hanging Pieces Fitting

LEED Points

The **Leadership in Energy and Environmental Design (LEED)** Green Building Rating System is a third-party certification program for the design, construction and operation of environmentally efficient buildings. A project, whether it's new, majorly renovated or commercial interior, can obtain LEED certification by achieving points in five key areas: sustainable site development, water efficiency, energy efficiency, materials and resources, indoor environmental quality. Sunnywei strives to provide products that minimize their impact on the environment.

LEED Credit	Why Choose Sunnywei	LEED Points for your project
MR credit 4.1 and 4.2 recycled content	The Exterior 2.0 product contains 24.59% ~ 41.73% recycled content	Contributes 1 LEED Point
MR credit 4.1- one point is awarded for using materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% , based on cost, of the total value of the materials in the project.	They are all comprised of waste products from used materials. When combined with the rest of your material selections, Sunnywei products will help you stay above the 10% average for recycled content.	 <p>MR credit 4.2 provides an additional point if your average recycled content value is above 20%.</p>

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