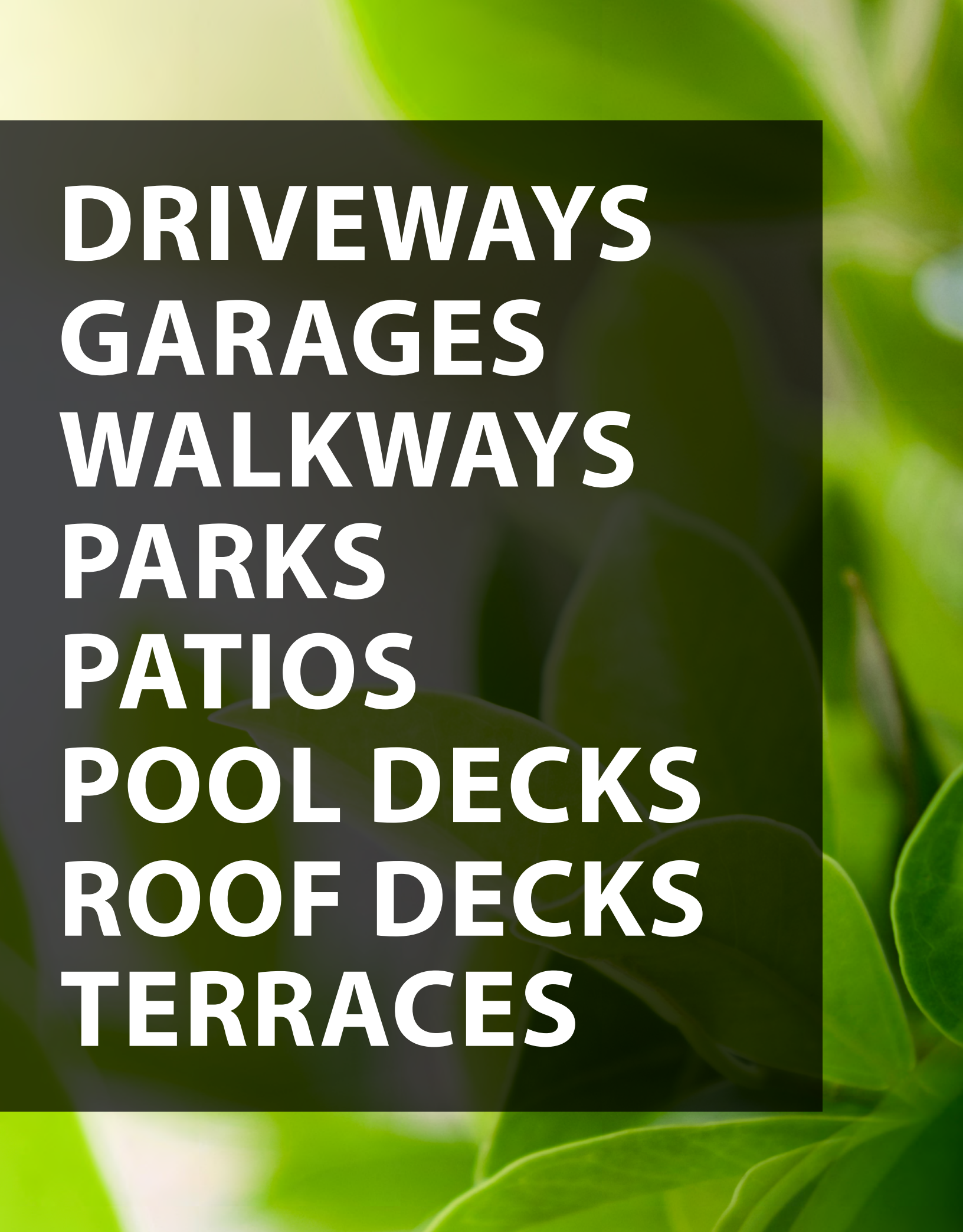


Ecoscape



floridatile



DRIVEWAYS
GARAGES
WALKWAYS
PARKS
PATIOS
POOL DECKS
ROOF DECKS
TERRACES

SURFACE THE OUTDOORS

20mm porcelain tile is suitable for any outdoor flooring application. Its density, resistance to the elements, superior load and breaking strength, and ease of installation make it the perfect solution when a high-performance material is required. These pavers are ready for the elements and require no extra sealing to protect the tile surface. Add to that the aesthetic benefit of HDP–High Definition Porcelain® graphics that make modern porcelain indistinguishable from natural materials. Ecoscape is the right choice for all residential and commercial outdoor spaces.

Easy to install! Because of its density and size, Ecoscape can be dry installed. This means that when the substrate allows, installers can forego the adhesives or mortar/cement bases and place directly on leveled grass, gravel, or sand surfaces. This installation method offers the advantage of removing and reusing the pavers. Of course, it can be installed with traditional setting materials if the substrate requires it. These nonporous pavers are ideal for any landscape.

The technical benefits of porcelain are unbeatable! These structural paving slabs can stand up to extreme residential and commercial environments. Ecoscape will outperform all other surface options. It can tolerate both subzero temperatures and tropical climates without cracking or weakening. The porcelain manufacturing process creates a product that is virtually non-porous and incredibly dense. It is strong enough to survive under the weight of a commercial fleet and is practically maintenance free – no sealants are required.

Aesthetically superior! On track with architectural and hardscape design trends, Ecoscape takes inspiration from both natural materials and urban elements. Designed and manufactured with HDP–High Definition Porcelain® digital printing, it has a look that is indistinguishable from stone or wood and mimics cement and concrete perfectly. Rich graphics with stunning detail and warm colors make Ecoscape the ideal combination of performance, appearance, and versatility.

20mm outdoor porcelain pavers are the premier product for extending your live and work spaces beyond the interior of your home and office. Use Ecoscape in coordination with like-designs of standard porcelain tile to make an effortless transition from indoor to outdoor environments.



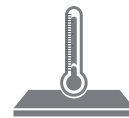
IN & OUT



COLOR-FAST



**TRANSITABLE WHEN
APPLIED TO A SCREED
WITH ADHESIVE**



**EXCEPTIONAL
THERMAL SHOCK
RESISTANCE**



EASY TO CLEAN



**SALT, STAIN &
CHEMICAL RESISTANT**



**EASY TO INSTALL,
REMOVE, REUSE &
ECO-FRIENDLY**



**HIGHLY RESISTANT
TO EXCESSIVE LOAD
FORCE**



FROST-PROOF



FLAME-RETARDANT

INSTALLATION ON SCREED WITH ADHESIVE

Traditional installation on screed with adhesive is mainly used in outdoor paved areas for vehicles and pedestrians, such as access areas to garages and parking lots, both in residential and industrial/commercial areas. This enables uniform surfaces between pedestrian and road surfaces.



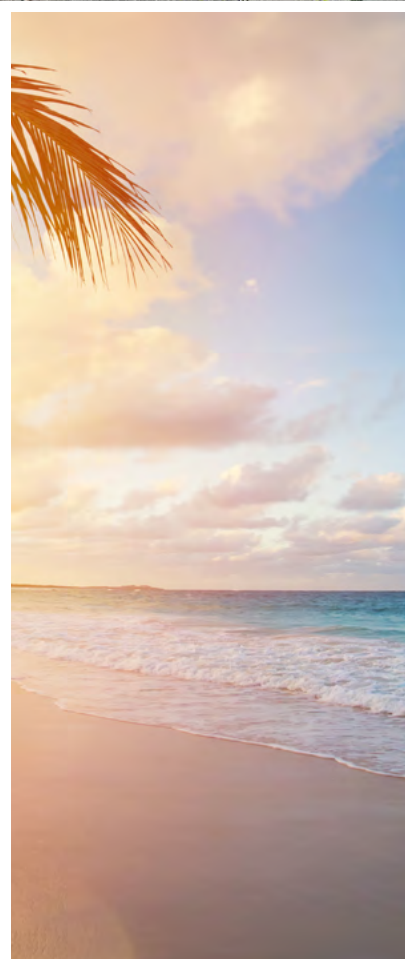
DRY LAYING ON GRASS

Dry laying 20mm pavers on grass is an easy solution for creating an informal residential walkway or an artful path through public parks and gardens. The flexibility of placing pavers directly into the landscape allows you to integrate a subtle architectural feature with design versatility and functionality.



DRY LAYING ON SAND

Dry laying 20mm pavers on sand allows for a relaxed exterior design. Easily enhance any patio, courtyard, or other pedestrian area with a custom layout that will add style while providing a practical solution for drainage. Laying pavers with open joints allows water to run off and drain into the substrate, preventing puddling.



MINERAL

HDP
High Definition Porcelain*

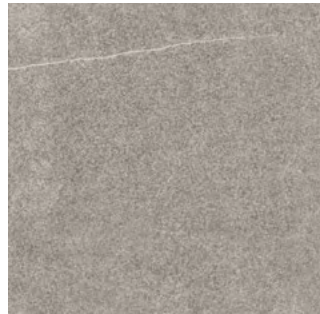
COLOR BODY PORCELAIN PAVERS



MIN10U
Alabaster

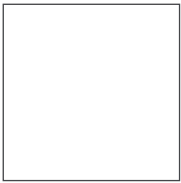


MIN20U
Quartz



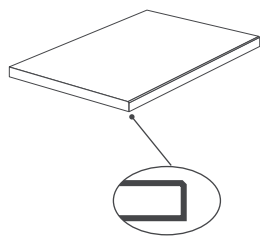
MIN30U
Feldspar

FIELD TILE FORMATS

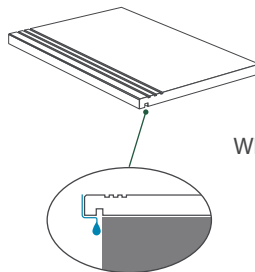


24x24 | 60x60 cm
± 0.8" | 20mm

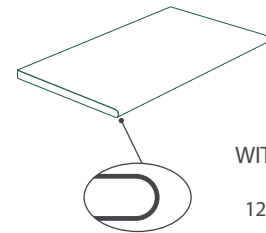
TRIMS



STEP TREAD
USTEPA
12x24 | 30x60 cm



STEP TREAD
WITH GROOVES & DRIP FLAP
USTEPD
12x24 | 30x60 cm



STEP TREAD
WITH BULLNOSE
USTEPB
12x24 | 30x60 cm

Porcelain Technical Data			
Country of Origin	U.S.A.	Shade Variation	V2 - Alabaster V3 - Quartz & Feldspar
Recycled Content	40%	Water Absorption	≤ 0.5%*
Surface Hardness	7 Mohs	Break Strength	≥ 2800 lbf. avg.
Edge	Pressed	Intended Use	Residential, Light Commercial & Heavy Commercial
Thickness	20mm	DCOF AcuTest®	Pass

*Average production value



QUEST HDP

High Definition Porcelain*

COLOR BODY PORCELAIN PAVERS

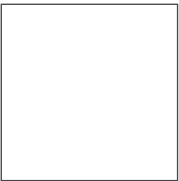


QUE10U
Ash



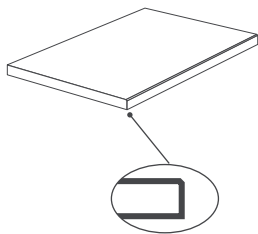
QUE20U
Cinder

FIELD TILE FORMATS

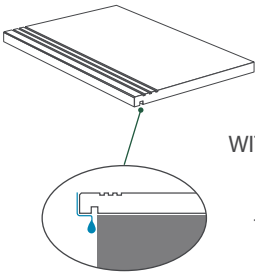


24x24 | 60x60 cm
± 0.8" | 20mm

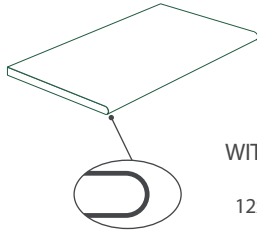
TRIMS



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STEP TREAD
WITH GROOVES &
DRIP FLAP
USTEPD
12x24 | 30x60 cm



STEP TREAD
WITH BULLNOSE
USTEPB
12x24 | 30x60 cm

Porcelain Technical Data			
Country of Origin	U.S.A.	Shade Variation	V3 - Moderate Variation
Recycled Content	40%	Water Absorption	≤ 0.5%*
Surface Hardness	7 Mohs	Break Strength	≥ 2800 lbf. avg.
Edge	Pressed	Intended Use	Residential, Light Commercial & Heavy Commercial
Thickness	20mm	DCOF AcuTest®	Pass



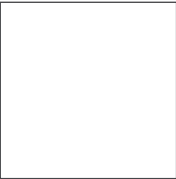


REL32U
Florida



REL93U
Montana

FIELD TILE FORMATS

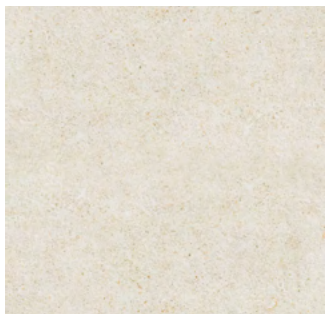


24x24 | 60x60 cm
± 0.8" | 20mm

Porcelain Technical Data			
Country of Origin	U.S.A.	Shade Variation	V3 - Moderate Variation
Recycled Content	40%	Water Absorption	≤ 0.5%*
Surface Hardness	7 Mohs	Break Strength	≥ 2800 lbf. avg.
Edge	Pressed	Intended Use	Residential, Light Commercial & Heavy Commercial
Thickness	20mm	DCOF AcuTest®	Pass

*Average production value



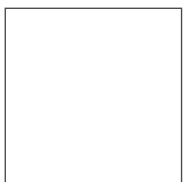


SPN01U
Snow



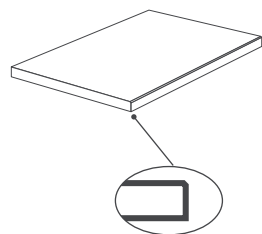
SPN13U
Silver

FIELD TILE FORMATS

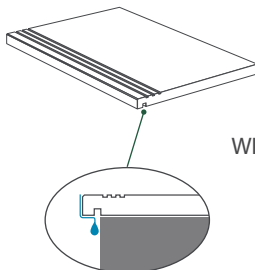


24x24 | 60x60 cm
± 0.8" | 20mm

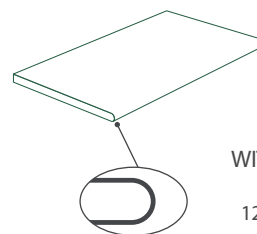
TRIMS



STEP TREAD
USTEPA
12x24 | 30x60 cm



STEP TREAD
WITH GROOVES & DRIP FLAP
USTEPD
12x24 | 30x60 cm







STEP TREAD
WITH BULLNOSE
USTEPB
12x24 | 30x60 cm

Porcelain Technical Data			
Country of Origin	U.S.A.	Shade Variation	V2 - Slight Variation
Recycled Content	40%	Water Absorption	≤ 0.5%*
Surface Hardness	7 Mohs	Break Strength	≥ 2800 lbf. avg.
Edge	Pressed	Intended Use	Residential, Light Commercial & Heavy Commercial
Thickness	20mm	DCOF AcuTest®	Pass



TECHNICAL CHARACTERISTICS

ACCORDING TO ANSI A137.1 UNGLAZED PORCELAIN TILES (CLASS P1)

	Technical Characteristics		Test method	Required values ANSI A137.1		Average values UGL (unglazed)
	DCOF		ASTM A326.3	≥ 0.42		Compliant
	Water Absorption		ASTM C373	≤ 0.5% (fully vitrified)		Compliant
	Breaking Strength		ASTM C648	≥ 250 lbf		Min. 2800 lbf. avg.
	Intended Use		N/A	N/A		Residential Light Commercial Heavy Commercial
	Linear Thermal Expansion		ASTM C372	not required		$\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$
	Thermal Shock Resistance		ASTM C484	no alterations		Resistant
	Chemical Resistance*		ASTM C650	not required		Resistant
	Frost Resistance		ASTM C1026	not required		Resistant
	Bond Resistance		ASTM C482	≥ 50 PSI		Compliant
	Stain Resistance		ASTM C1378	no alterations		Resistant
	Dimensions	Edge Warpage	ASTM C485	calibrated: max ± 0.75% or max ± 0.09 inch	rectified: max ± 0.40% or max ± 0.05 inch for tiles up to 24"x24"	Compliant
		Diagonal Warpage	ASTM C485	calibrated: max ± 0.50% or max ± 0.08 inch	rectified: max ± 0.40% or max ± 0.07 inch	Compliant
		Nominal Dimensions	ASTM C499	calibrated: max ± 3.0% of nominal dimensions	rectified: - 3.0% / + 2.0% of nominal dimensions	± 1.5%
		Caliber Range	ASTM C499	calibrated: max ± 0.50% or max ± 0.08 inch	rectified: max ± 0.25% or max ± 0.03 inch	Compliant
		Thickness	ASTM C499	range: ≤ 0.040 inch		≤ 0.030 inch
		Wedging	ASTM C502	calibrated: max ± 0.50% or max ± 0.08 inch	rectified: max ± 0.25% or max ± 0.03 inch	Compliant

(*) No hydrofluoric acid and its derivatives

Color reproductions in this printed piece may vary from actual tile colors.
Final selection should be made from actual tile samples.

Color, texture, and finish variations may occur due to the nature of the product.

