

GARDEN STATE TILE

Together We Can Design For Life

RETREAT PORFIDO



Retreat Porfido

Porfido is a natural stone that has always been used for outdoor flooring, but is also appreciated for interiors due to its great elegance and versatility which allows designers to use it in combination with other natural stones for maximum freedom of expression.



Night Stone



Granite Grey



Alpine White



Earth Brown

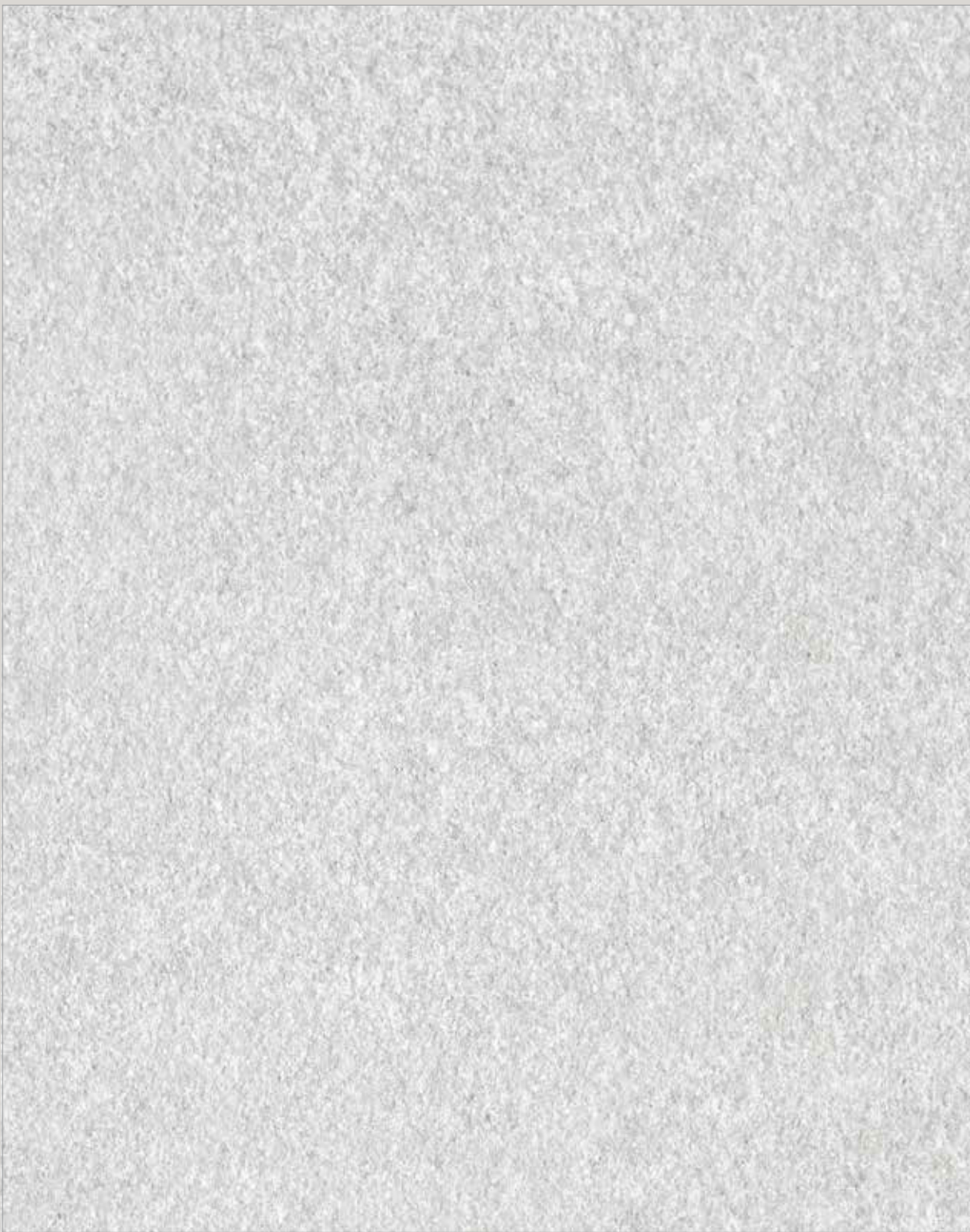


Granite Grey



Night Stone

Alpine White



Alpine White 120x120 cm - 48"x48" wall Porfido Brick
Basalt 5.8x11.6 cm - 2,2"x4,5" kitchen backsplash



Alpine White 120x120 cm - 48"x48" wall Porfido Brick
Basalt 5.8x11.6 cm - 2,2"x4,5" kitchen backsplash



Granite Grey



Granite Grey 60x120 cm - 24"x48" wall
Porfido Brick Ash 5.8x11.6 cm - 2,2"x4,5" countertop backsplash



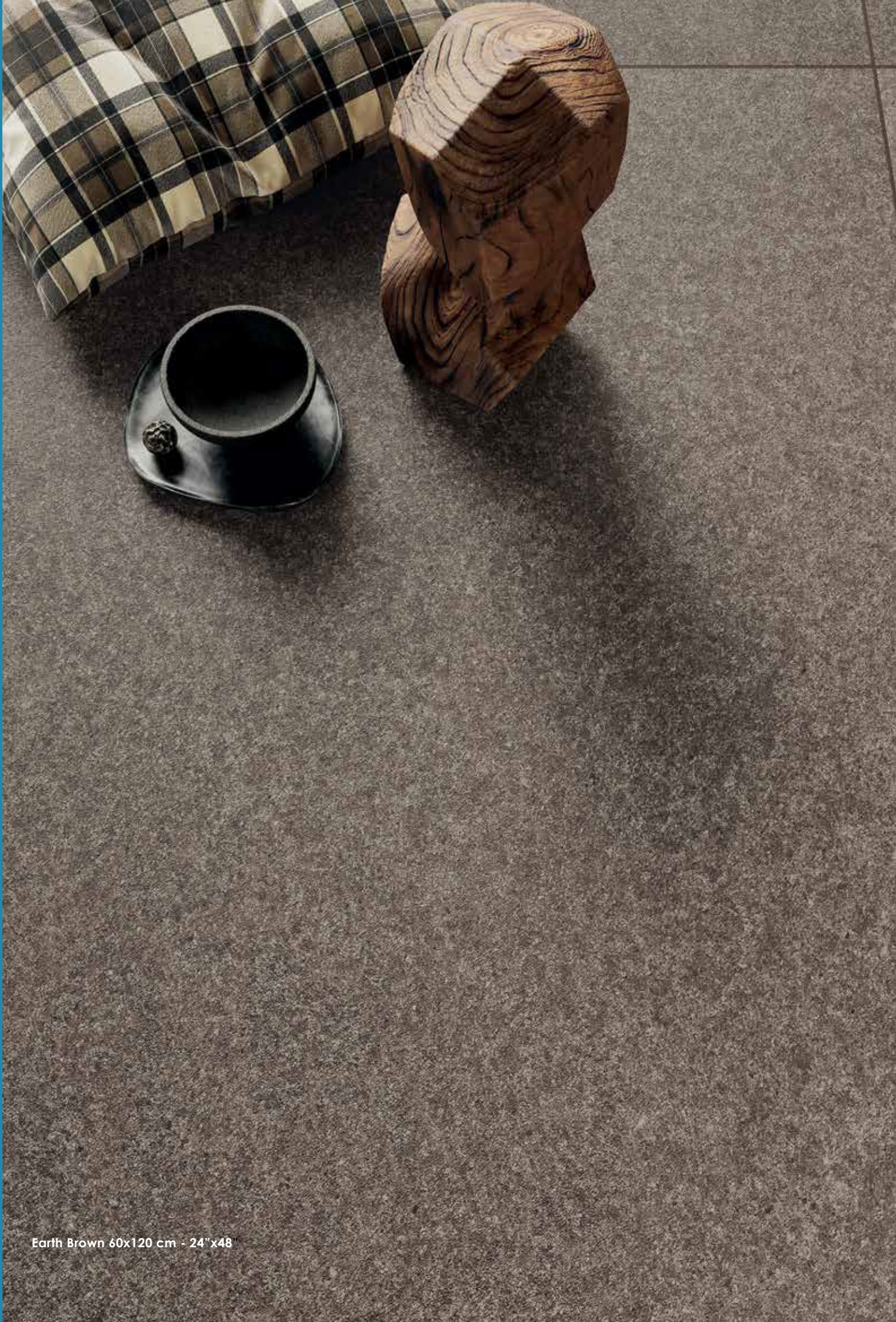
Granite Grey 120x120 cm -
48"x48"

GARDEN STATE TILE



Granite Grey 120x120 cm -
48"x48"

Earth Brown



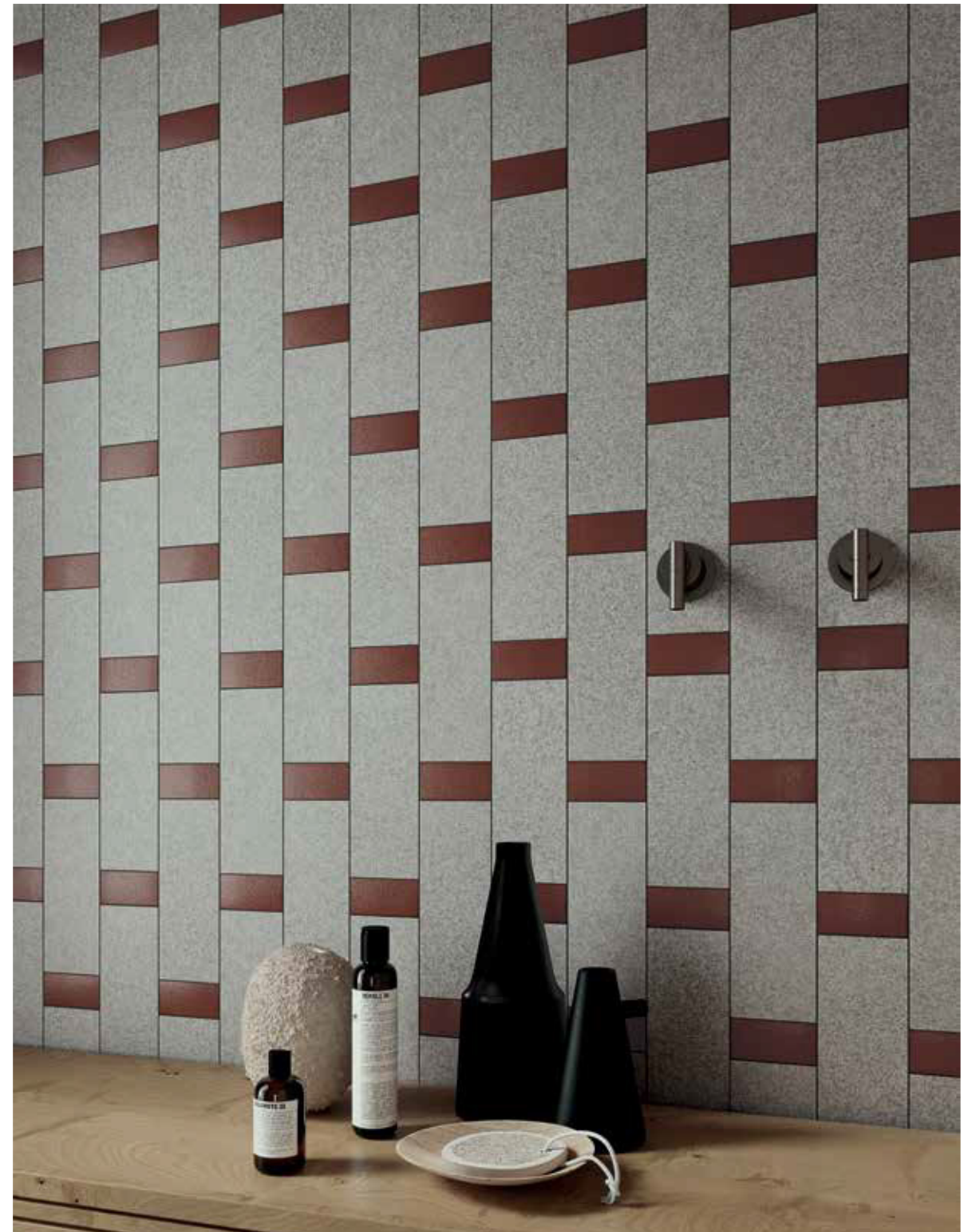
Earth Brown 60x120 cm - 24"x48"



Earth Brown 30x60 cm - 12"x24" floor
 Granite Grey 11.6x30 cm - 4,5"x12" wall
 Porfido Brick Magma 5.8x11.6 cm - 2,2"x4,5" wall

GARDEN STATE TILE

Granite Grey 11.6x30 cm - 4,5"x12" wall
 Porfido Brick Magma 5.8x11.6 cm - 2,2"x4,5" wall



Earth Brown 60x120 cm - 24"x48"



Night Stone



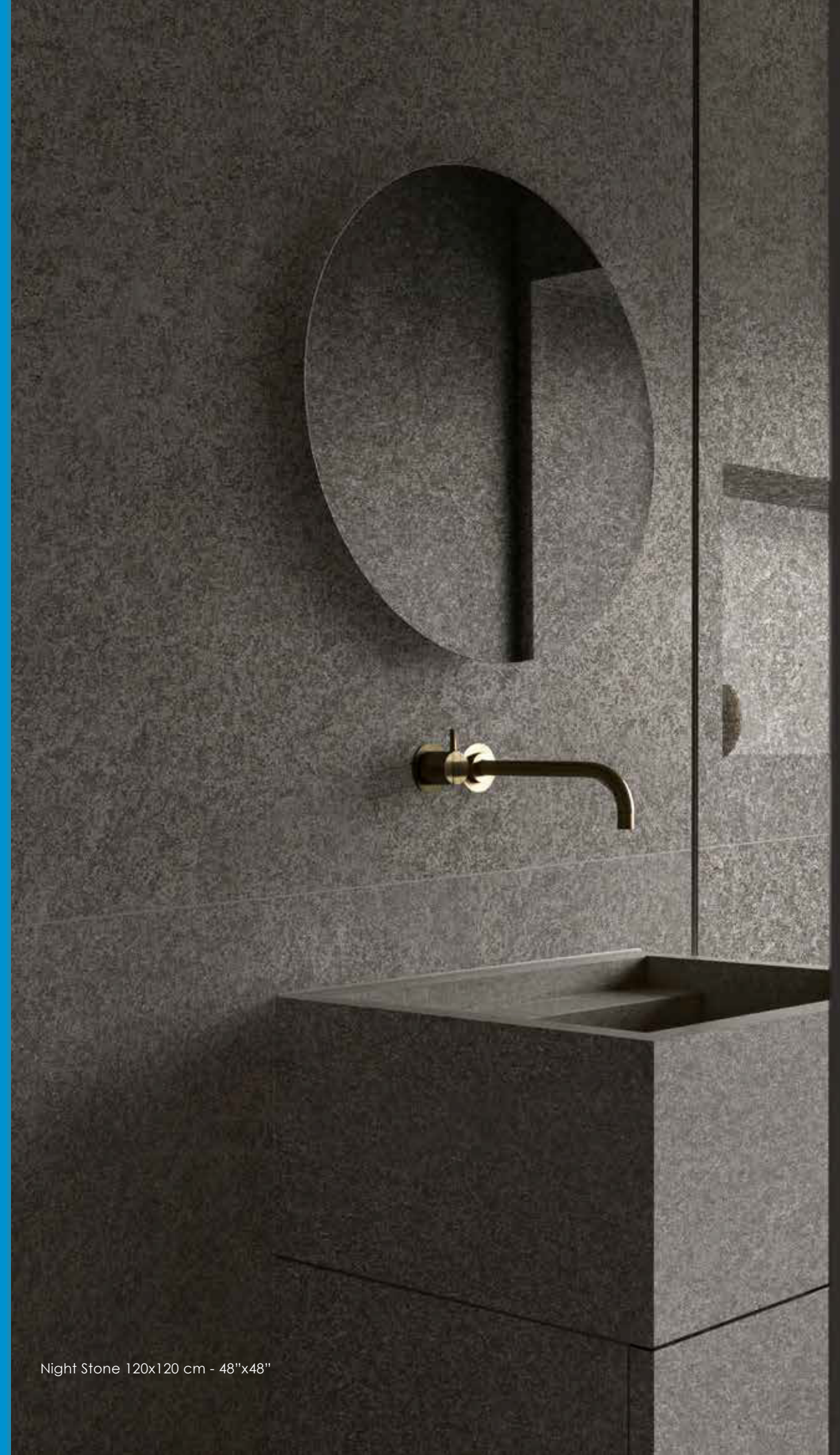
GARDEN STATE TILE



Night Stone 30x60 cm - 12"x24" wall
Night Stone 60x120 cm - 24"x48" floor



Night Stone 120x120 cm - 48"x48"



Night Stone 120x120 cm - 48"x48"



Night Stone 120x120 cm - 48"x48"

Porfido Brick

glossy

5,8x11,6 cm - 2,2"x4,5"

±8,5 mm



Ash



Ground



Fern



Glacier

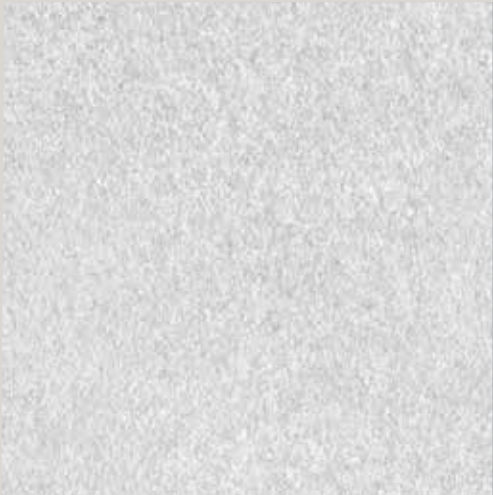


Magma



Basalt

Combinazioni Brick / Brick combinations



Alpine White



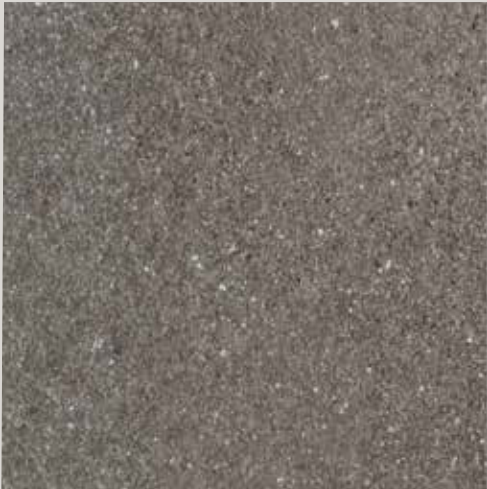
Granite Grey



Glacier Magma Basalt



Fern Magma Basalt



Earth Brown



Night Stone

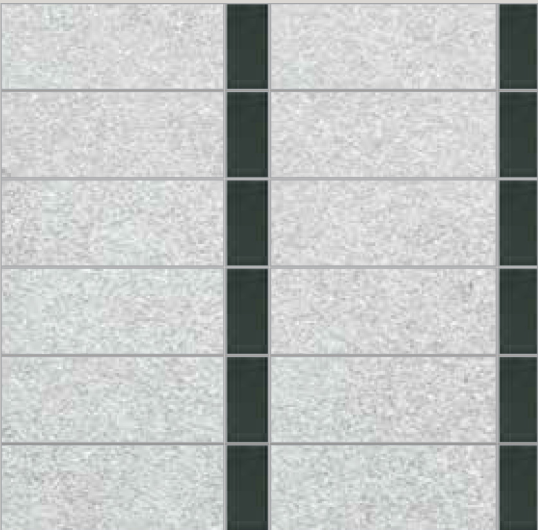


Ash Magma Ground

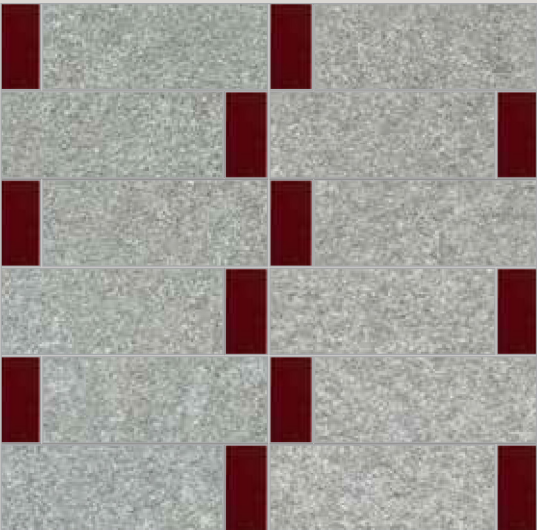


Ash Fern Ground

Schemes



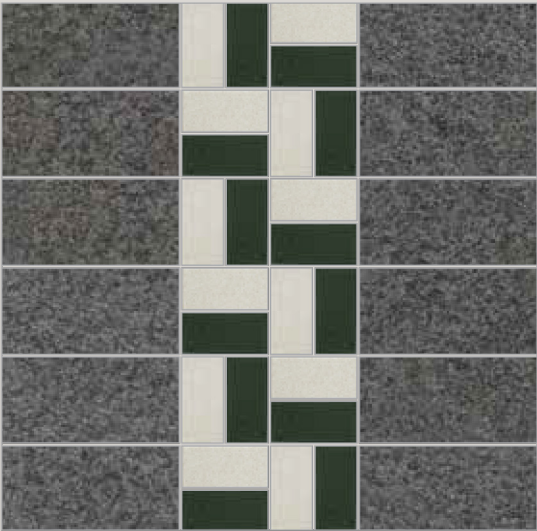
Alpine White - Brick Glacier



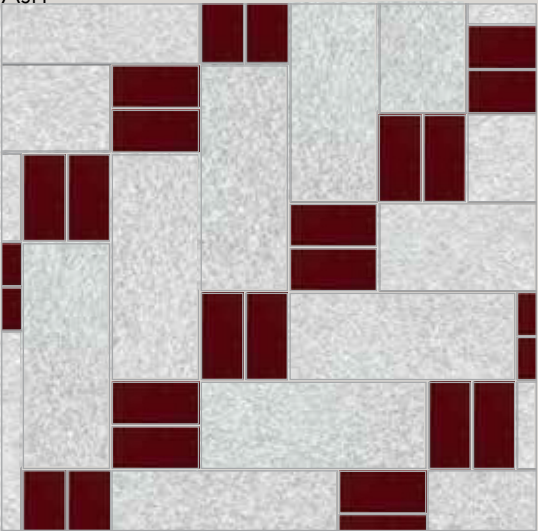
Granite Grey - Brick Magma



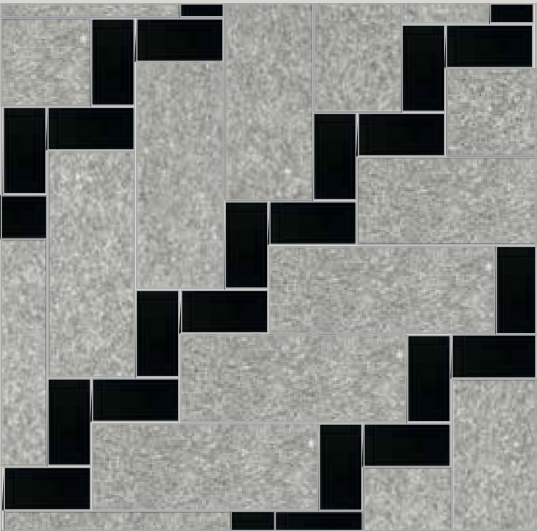
Earth Brown - Brick Ash



Night Stone - Brick Ash / Brick Fern



Alpine White - Brick Magma



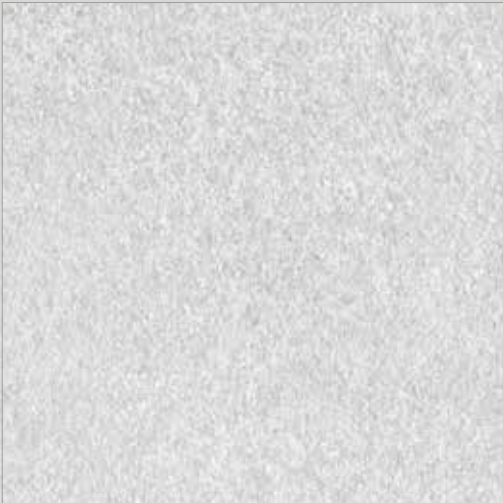
Granite Grey - Brick Basalt

Available sizes

Alpine White

Formati / Sizes

120x120 cm - 48"x48"



matt

60x120 cm - 24"x48"



matt - ultra matt

mosaic 3D wall 20x120 cm - 12"x48" 30x60 cm - 12"x24"

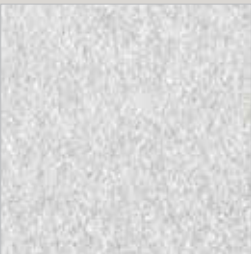


matt



matt - ultra matt

60x60 cm - 24"x24"



matt - ultra matt

11.6x60 cm - 4,5"x24"



matt

11.6x30 cm - 4,5"x12"



matt

30x30 cm

12"x12"



matt

15x15 cm

6"x6"



matt

10x10 cm

4"x4"



matt

mosaic

30x30 cm - 12"x12"



matt

brick wall

30x60 cm - 12"x24"



matt

11,6x60 cm - 4,5"x24"



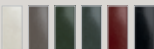
matt

11,6x30 cm - 4,5"x12"



matt

Porfido Brick



5,8x11,6 cm - 2,2"x4,5"

glossy

(see page 30 an following)

Sviluppo grafico / Graphic movement



60x60 cm / 24"x24"

Available sizes

Granite Grey

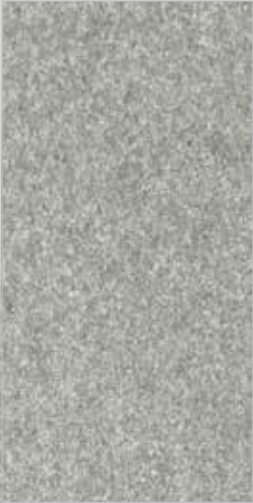
Sizes

120x120 cm - 48"x48"



matt

60x120 cm - 24"x48"



matt - ultra matt

mosaic 3D wall
20x120 cm - 12"x48"
30x60 cm - 12"x24"



mat
t

60x60 cm - 24"x24"



matt - ultra matt

11.6x60 cm - 4,5"x24"



matt

30x30 cm
12"x12"



matt

15x15 cm
6"x6"



matt

10x10 cm
4"x4"



matt

mosaic
30x30 cm - 12"x12"



matt

brick wall
30x60 cm - 12"x24"



matt

11,6x60 cm - 4,5"x24"



matt

11,6x30 cm - 4,5"x12"



matt

Porfido Brick



5,8x11,6 cm - 2,2"x4,5"
glossy
(see page 30 and following)

Graphic movement



60x60 cm / 24"x24"

Earth Brown

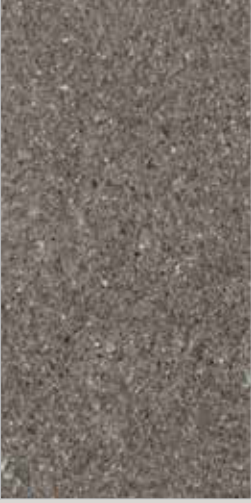
Sizes

120x120 cm - 48"x48"



matt

60x120 cm - 24"x48"



matt - ultra matt also available in structured **THICK**

mosaic 3D wall
20x120 cm - 12"x48"
30x60 cm - 12"x24"



mat
t

60x60 cm - 24"x24"



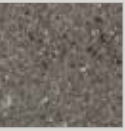
matt - ultra matt

11.6x60 cm - 4,5"x24"



matt

30x30 cm
12"x12"



matt

15x15 cm
6"x6"



matt

10x10 cm
4"x4"



matt

mosaic
30x30 cm - 12"x12"



matt

brick wall
30x60 cm - 12"x24"



matt

11,6x60 cm - 4,5"x24"



matt

11,6x30 cm - 4,5"x12"



matt

Porfido Brick



5,8x11,6 cm - 2,2"x4,5"
glossy
(see page 30 and following)

Graphic movement



60x60 cm / 24"x24"

Night Stone

Sizes

120x120 cm - 48"x48"



mat
†

60x120 cm - 24"x48"



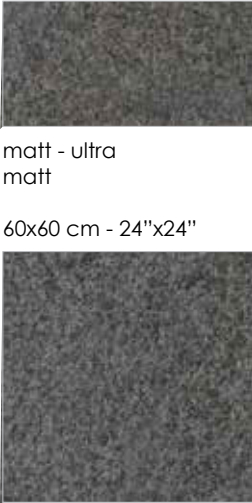
mat - ultra matt also available in structured TH/CK_{20mm}

mosaic 3D wall 20x120 cm - 12"x48" 30x60 cm - 12"x24"



mat
†

60x60 cm - 24"x24"



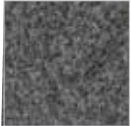
mat - ultra matt

20x60 cm - 10"x24"



mat
†

30x30 cm 12"x12"



mat
†

15x15 cm 6"x6"



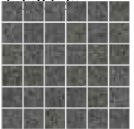
mat
†

10x10 cm 4"x4"



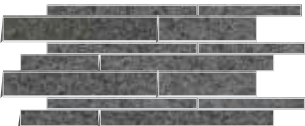
mat
†

mosaic 30x30 cm - 12"x12"



mat
†

brick wall 30x60 cm - 12"x24"



mat
†

11,6x60 cm - 4,5"x24"



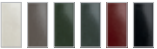
mat
†

11,6x30 cm - 4,5"x12"

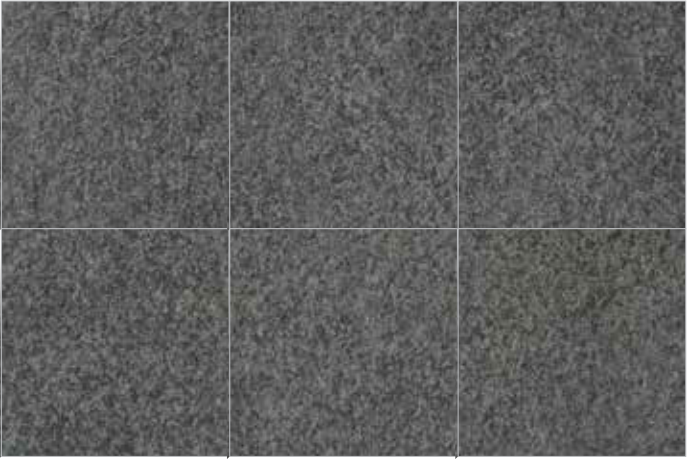


mat
†

Porfido Brick 5,8x11,6 cm - 2,2"x4,5" glossy (see page 30 an following)



Graphic movement



60x60 cm / 24"x24"

Retreat Porfido

Packaging

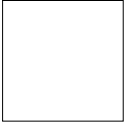
9 MM

8,5 MM Porfido Brick

20 MM only

Earth Brown / Night Stone V2 MODERATE



SIZES		BOX			PALLET		
		PCS	SQ.MT.	KG	BOXES	SQ.MT.	KG
	120x120 cm - 48"x48" matt rectified	1	1,44	32,00	36	51,84	1172
	60x120 cm - 24"x48" matt ultra matt rectified	2	1,44	30,50	36	51,84	1118
	60x120 cm - 24"x48" structured TH/CK _{20mm} only available in Earth Brown and Night Stone	1	0,72	30,50	36	25,92	1118
	60x60 cm - 24"x24" matt ultra matt rectified	3	1,08	22,00	40	43,20	960
	30x60 cm - 12"x24" matt ultra matt	6	1,08	22,00	48	51,84	1148
	30x30 cm - 12"x12" matt	11	1,00	21,00	48	48,00	1028
	20x60 cm - 8"x24" matt	8	0,96	18,15	48	46,08	892
	10x60 cm - 4"x24" matt	15	0,90	17,50	36	32,40	650
	15x15 cm - 6"x6" matt	44	1,00	19,50	48	48,00	956
	10x10 cm - 6"x6" matt	50	0,50	10,40	50	25,00	540
	11,6x60 cm - 4,5"x24" matt	15	0,90	17,50	40	36,00	720
4,5"x12" 	11,6x30 cm - matt	30	0,90	18,50	40	36,00	760
	Brick 5,8x11,6 cm 2,2"x4,5" glossy	76	0,50	9,44	85	43,26	802
(5x5) 	mosaic 30x30 cm 12"x12" (2"x2") matt	11	1,00	21,60	30	30,00	668
	brick wall 30x60 cm 12"x24" matt	4	0,72	15,15	30	21,60	475
	mosaic 3D Wall 20x120 cm - 8"x48" matt	3	0,72	15,00	32	23,04	500

TECHNICAL FEATURES UNGLAZED PORCELAIN TILES

Conforming to European Standards EN 14411 ISO 13006 App. G

(Group BIA UGL Eb ≤ 0,5%)

	TECHNICAL FEATURES	TESTING METHOD	REFERENCE STANDARD	TEST RESULTS
	Sizes Dimensions	EN ISO 10545-2	N ≥ 15 cm • Length and width (%) (mm) ±0,6% ±2,0 • Thickness ±5,0 ±0,5 • Linearity ±0,5 ±1,5 • Wedging ±0,5 ±2,0 • Warpage ±0,5 ±2,0 • Appearance: percentage of acceptable tiles, per lot 95% min. -	Compliant
	Water absorption	EN ISO 10545-3	Eb ≤ 0,5%	Compliant
	Modulus of rupture	EN ISO 10545-4	Medium value 35 N/mm ² min.	Compliant
	Breaking strength		sp. ≥ 7,5 mm: min 1300 N	Compliant
	Abrasion resistance	EN ISO 10545-6	175 mm ³ max	Average
	Thermal expansion coefficient	EN ISO 10545-8	*Declared value	≤9 MK-1
	Thermal shock resistance	EN ISO 10545-9	*Pass according to iso 10545-1	Resistant
	Frost resistance	EN ISO 10545-12	*Pass according to iso 10545-1	Resistant
	Resistance to low concentrations of acids and alkalis	EN ISO 10545-13	*Declared value	From ULA to ULB
	Resistance to high concentrations of acids and alkalis		*Declared value	From UHA to UHB
	Resistance to domestic chemicals and additives for swimming pools		UB min.	UA
	Stain resistance of unglazed porcelain	EN ISO 10545-14	*Declared value	CLASS 5
	Colors resistance to light	DIN 51094	No noticeable color change.	No alteration after testing
	Friction coefficient (Slipperiness)	DIN EN 16165 Annex B	*Declared value	R10*matt R11 ultra matt R11 structured
		ANSI A137.1 (DCOF)		>0,42 matt/ultra matt

GARDEN STATE TILE

GLAZED PORCELAIN TILES

Conforming to European Standards EN 14411 ISO 13006 App. G

(Group BIA GL Eb ≤ 0,5%)

	TECHNICAL FEATURES CARATTERISTICHE TECNICHE TECHNISCHE DATEN CARACTERISTIQUES TECHNIQUES	TESTING METHOD METODICA DI PROVA PRÜFVERFAHREN NORME D'ESSAIS	REFERENCE STANDARD RIFERIMENTO NORMA STANDARDWERT REFERENCE NORME	TEST RESULTS VALORE PRODOTTO PRODUKT WERTE VALEUR PRODUIT
	Sizes Dimensioni Abmessungen Dimensions	EN ISO 10545-2	N ≥ 15 cm • Length and width - Lunghezza e larghezza - Länge und Breite (%) (mm) ±0,6% ±2,0 • Longueur et largeur • Thickness - Spessore - Stärke - Epaisseur ±5,0 ±0,5 • Linearity - Rettilinearità spigoli - Kantengeradheit- Rectitude des arêtes ±0,5 ±1,5 • Wedging - Ortogonalità - Rechtwinkligkeit - Orthogonalité ±0,5 ±2,0 • Warpage - Planarità - Ebenflächigkeit- Planarité ±0,5 ±2,0 • Appearance: percentage of acceptable tiles, per lot Aspetto: percentuale di piastrelle accettabili nel lotto Oberflächenbeschaffenheit: Prozentsatz der Fliesen, die den geforderten - Eigenschaften entsprechen Aspect: pourcentage de carreaux acceptables sur la fourniture totale 95% min. -	Compliant Conforme Erfüllt Conforme
	Water absorption Assorbimento acqua Wasseraufnahme Absorption d'eau	EN ISO 10545-3	Eb ≤ 0,5%	Compliant Conforme Erfüllt Conforme
	Modulus of rupture Resistenza alla flessione Biegezugfestigkeit Résistance à la flexion	EN ISO 10545-4	Medium value 35 N/mm ² min.	Compliant Conforme Erfüllt Conforme
	Breaking strength Carico di rottura Bruchlast Charge de rupture		sp. ≥ 7,5 mm: min 1300 N	Compliant Conforme Erfüllt Conforme
	Abrasion resistance Resistenza all'abrasione Abriebbeständigkeit Résistance à l'abrasion	EN ISO 10545-7	Class 0-5	From 3 to 5 Da 3 a 5 Von 3 bis 5 De 3 jusqu'à 5
	Thermal expansion coefficient Coefficiente di dilatazione termica lineare Wärmeausdehnung Coefficient de dilatation thermique linéaire	EN ISO 10545-8	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	≤9 MK-1
	Thermal shock resistance Resistenza agli sbalzi termici Temperaturwechselbeständigkeit Résistance aux écarts de température	EN ISO 10545-9	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	Resistant Resistente Widerstandsfähig Résistant
	Frost resistance Resistenza al gelo Frostbeständigkeit Résistance au gel	EN ISO 10545-12	*Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Test ueberstanden nach ISO 10545-1 Pv en accord avec norme en 10545-1	Resistant Resistente Widerstandsfähig Résistant
	Resistance to low concentrations of acids and alkalis Resistenza a basse concentrazioni di acidi e alcali Beständigkeit gegen schwach konzentrierte Säuren und Laugen Résistance à des basses concentrations d'acides et bases	EN ISO 10545-13	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	From GLA to GLB Da GLA a GLB Von GLA bis GLB De GLA jusqu'à GLB
	Resistance to high concentrations of acids and alkalis Resistenza ad alte concentrazioni di acidi e alcali Beständigkeit gegen stark konzentrierte Säuren und Laugen Résistance à des hautes concentrations d'acides et bases		*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	From GHA to GHB Da GHA a GHB Von GHA bis GHB De GHA jusqu'à GHB
	Resistance to domestic chemicals and additives for swimming pools - Resistenza ai prodotti chimici di uso domestico e agli additivi per piscina Beständigkeitgegenchemische Haushaltsreiniger und Zusatzstoffe für Schwimmbäder Résistance aux prod. chimiques d'usage domestique et additifs pour piscines		GB min.	GA
	Stain resistance of unglazed porcelain Resistenza alle macchie di piastrelle non smaltate Fleckenbeständigkeit von unglasierten Fliesen Résistance aux taches des carreaux non émaillés	EN ISO 10545-14	*Declared value Valore dichiarato Angegebener Wert Valeur déclarée	CLASS 5
	Glaze crazing resistance Determinazione della resistenza al cavillo Glasurhaarißbeständigkeit Résistance à la fissuration de l'émail	EN ISO 10545-11	Required Richiesta Gefordert Requise	Resistant Resistente Widerstandsfähig Résistant

VALID FOR PORFIDO BRICK



OUR SHOWROOMS

NEW JERSEY

Dover
Princeton
Wall
West Berlin
Wyckoff

PENNSYLVANIA

Bethlehem
Lancaster
Philadelphia
Warminster

SOUTH CAROLINA

Charleston
Columbia

GEORGIA

Savannah

GARDEN STATE TILE

Together We Can Design For Life

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