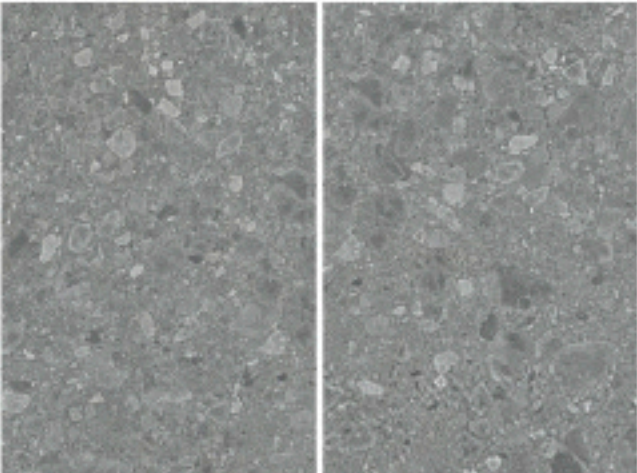


Bianco 60x90cm



Grey 60x90cm



Ivory 60x90cm



Ceppo Bianco 60x90cm



Ceppo Ivory 60x90cm



BRAZILIAN

RioStone



Brazilian Grey 60x90cm



COLORS



Brazilian Lgy 60x90cm



Lgy

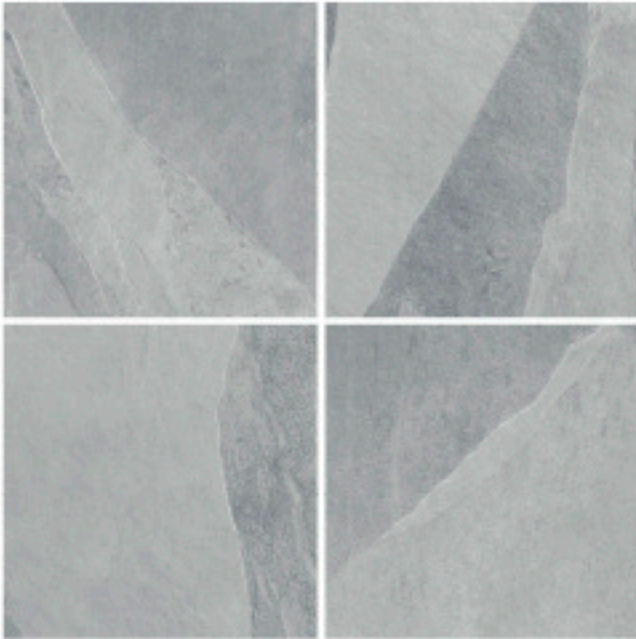


20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

202
203

simolain | riostonein

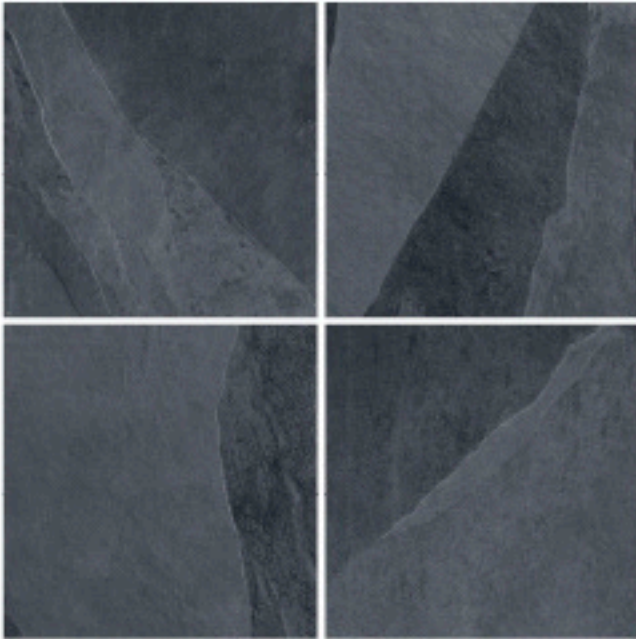
Grey 60x60cm



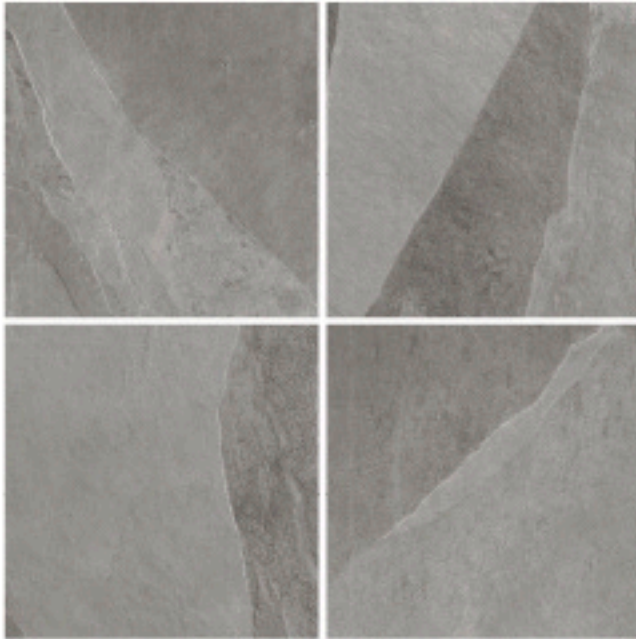
Lgy 60x60cm



Dgy 60x60cm



Gris 60x60cm



Brazilian Grey 60x60cm



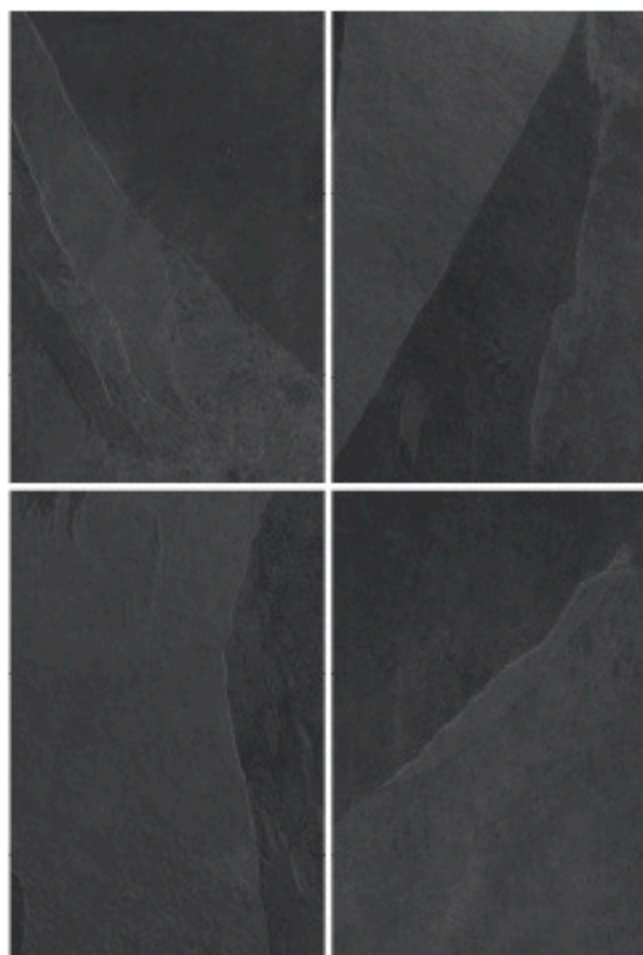
Brazilian Dgy 60x60cm



Black 60x60cm



Black 60x90cm



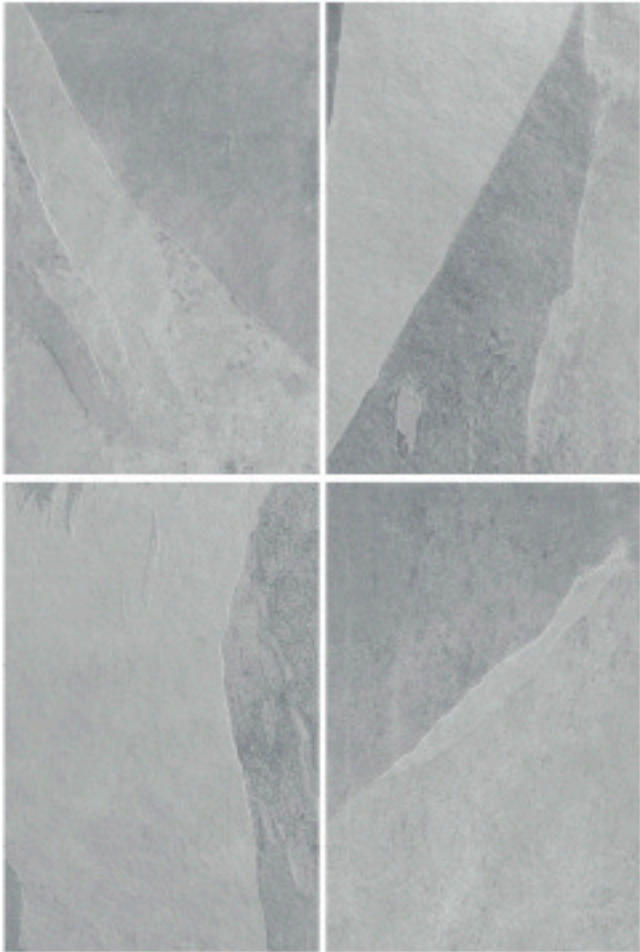
Brazilian Black 60x60cm



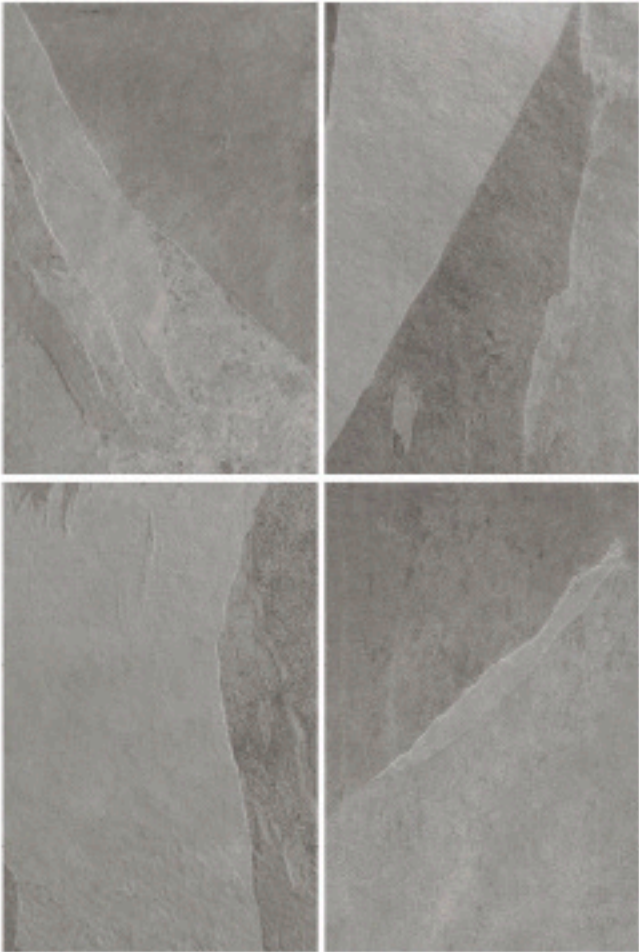
Lgy 60x90cm



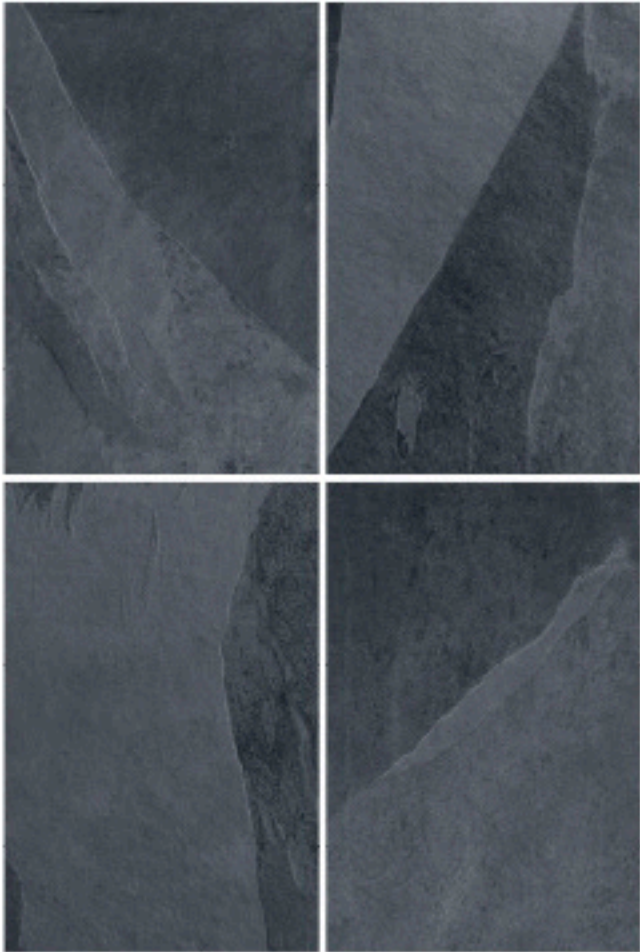
Grey 60x90cm



Gris 60x90cm



Dgy 60x90cm



Brazilian Lgy 60x90cm



Brazilian Gris 60x90cm



CALIFORNIA



California Gold 60x90cm



COLORS



California Gold 60x90cm



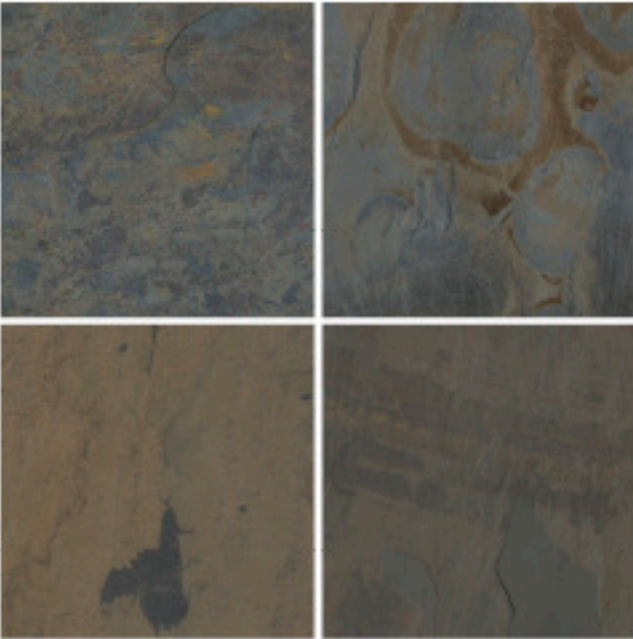
Gold



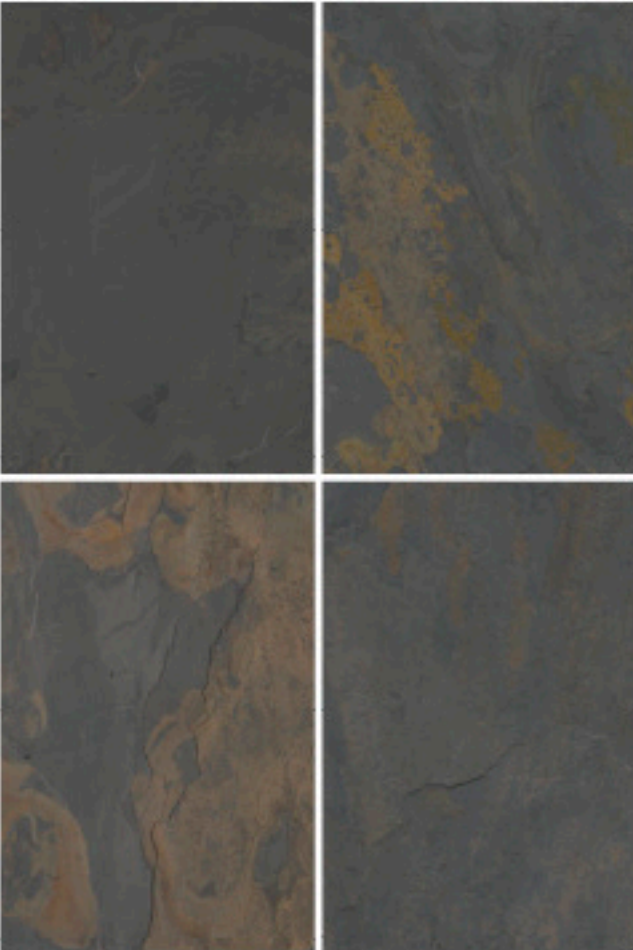
210
211

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Gold 60x60cm



Gold 60x90cm



California Gold 60x60cm





Esprit Grey 80x90cm



COLORS



Esprit Grey 80x90cm



Grey



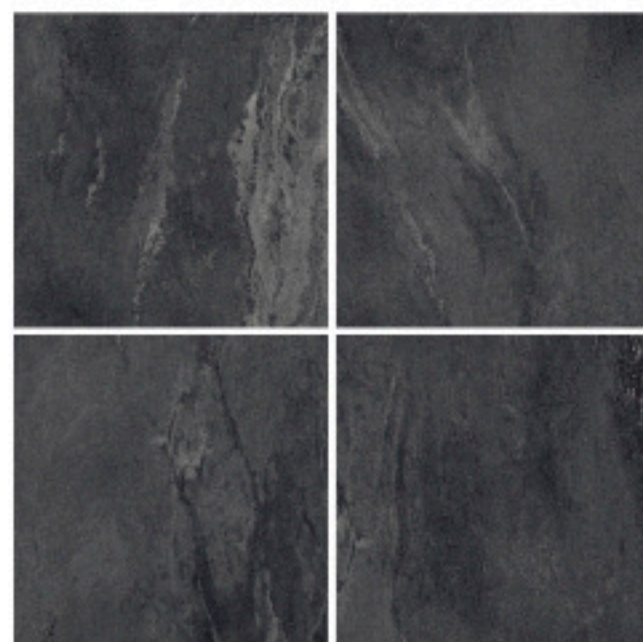
214
215

simolain | riostonein

Grey 60x80cm



Nero 60x80cm



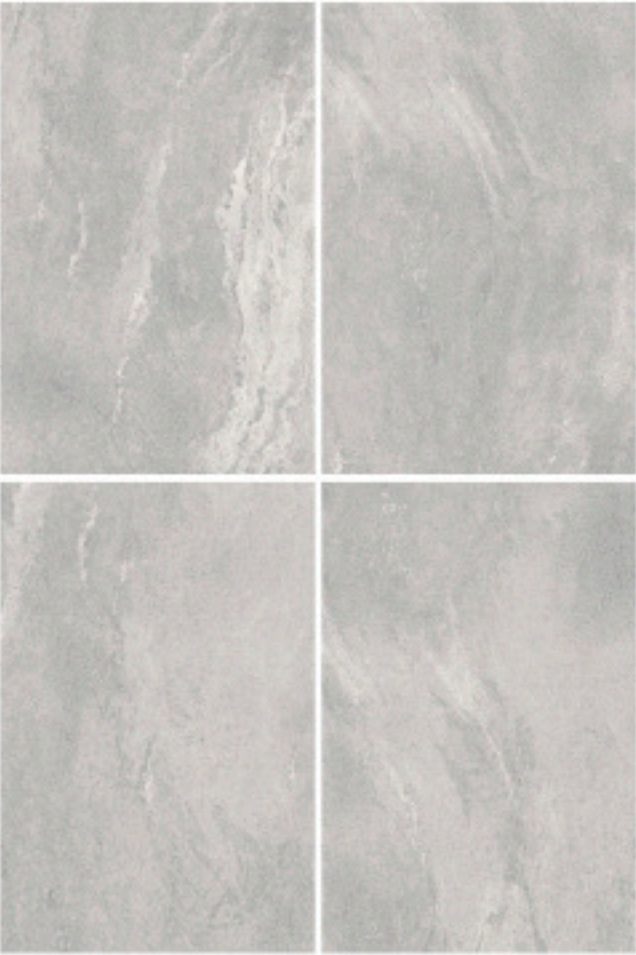
Esprit Grey 60x80cm



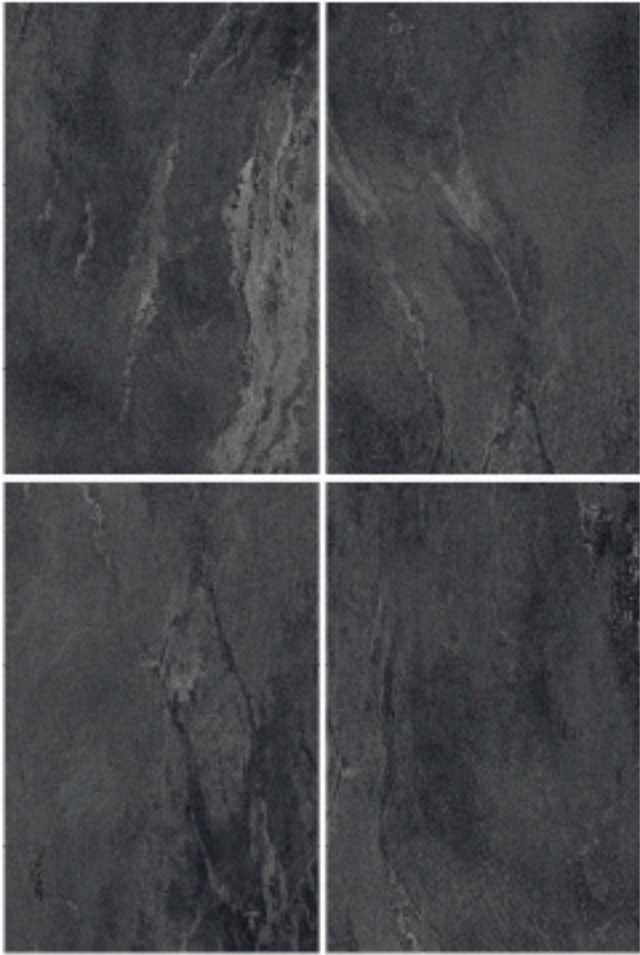
216

217

Grey 60x90cm



Nero 60x90cm



Esprit Grey 60x90cm



Esprit Grey 60x90cm



BASALT

RioStone



Basalt Grey 80x90cm



COLORS



Basalt Natural 80x90cm



Natural

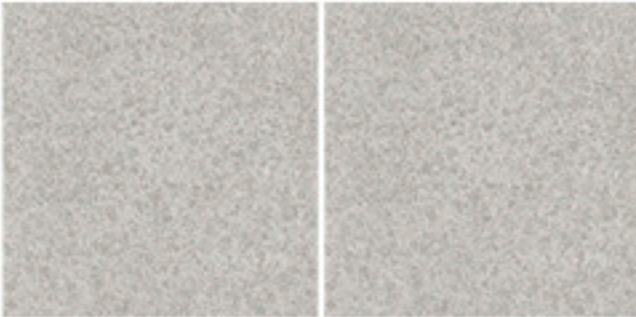


20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

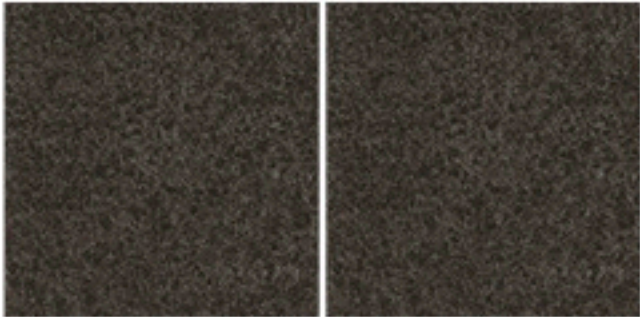
220
221

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Grey 60x80cm



Natural 60x60cm



Grey 60x90cm



Natural 60x90cm



Basalt Natural 60x60cm



Basalt Grey 60x60cm



QUARTZITE



Quartzite Natural 60x90cm



COLORS



Quartzite Natural 60x90cm



Natural



20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

Natural 60x60cm



Natural 60x90cm



Quartzite Natural 60x90cm



QUARTZ



Quartz White 60x90cm



COLORS



Quartz Grey 60x90cm



Grey

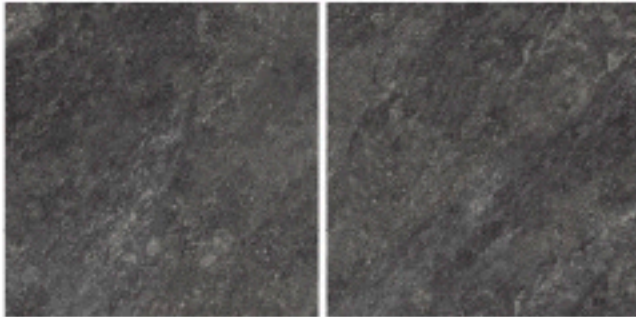


20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

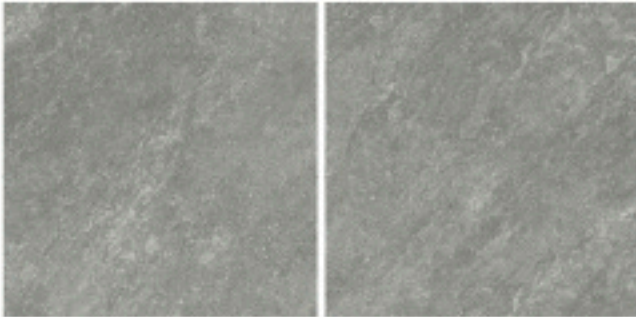
Grey 60x80cm



Nero 60x80cm



Dark Grey 60x80cm



White 60x80cm



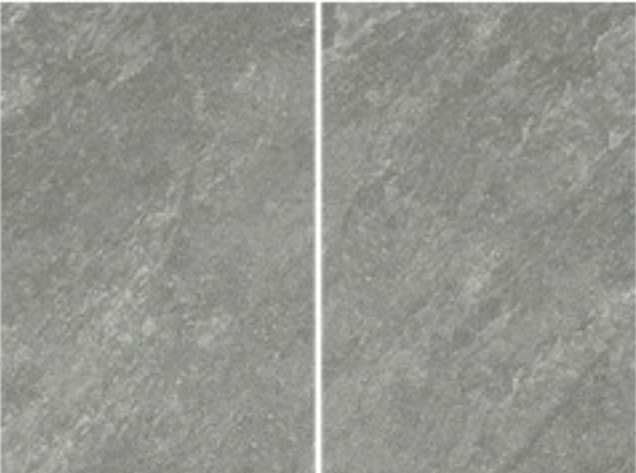
Quartz Grey 60x80cm



Quartz Dark Grey 60x80cm



Dark Grey 60x90cm



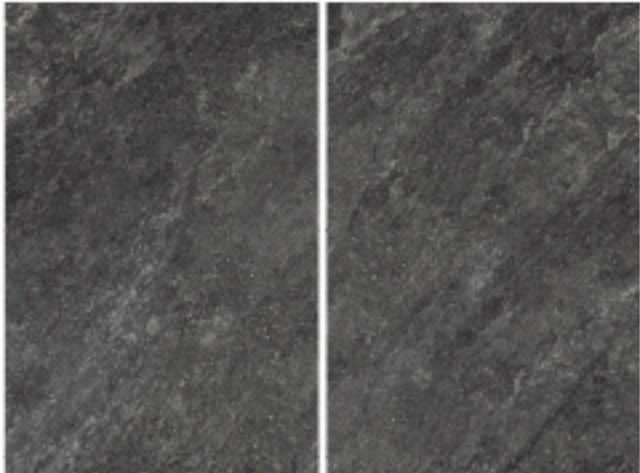
Grey 60x90cm



White 60x90cm



Nero 60x90cm



Quartz Dark Grey 60x90cm



Quartz White 60x80cm



HAMMER STONE



Hammer Stone Beige 60x90cm



COLORS



Hammer Stone Grey 60x90cm



Grey



20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

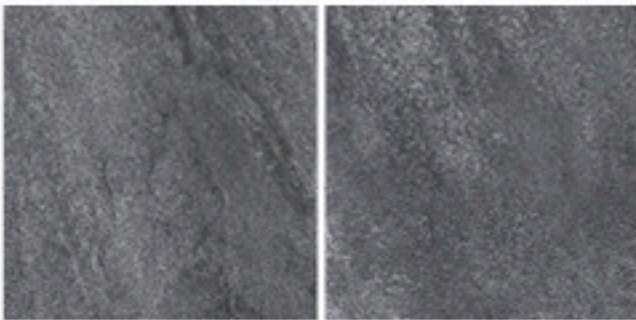
Grey 60x80cm



Beige 60x80cm



Nero 60x80cm



Hammer Stone Grey 60x90cm



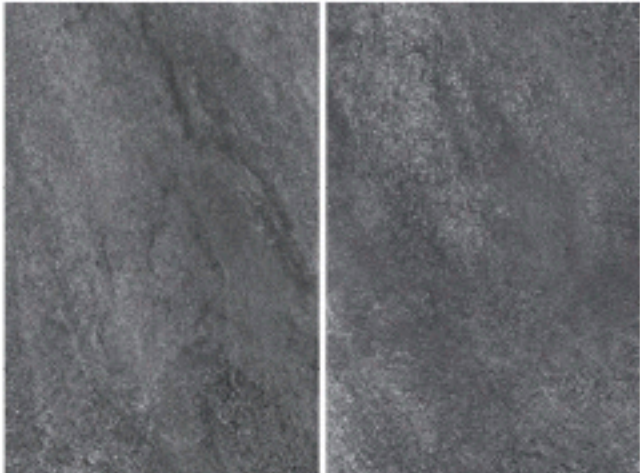
Hammer Stone Nero 60x90cm



Grey 60x90cm



Nero 60x90cm



Beige 60x90cm



Hammer Stone Grey 60x90cm



Hammer Stone Beige 60x90cm



TRAVERTINO RAPULANO



Travertino Rapulano Crema 60x90cm



COLORS



Travertino Rapulano Silver 60x90cm

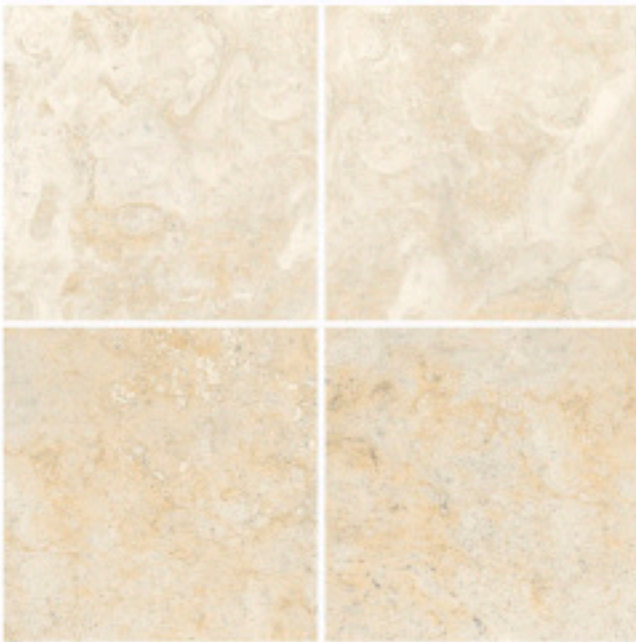


Silver



20MM ■ OUTDOOR PORCELAIN | 600x900mm / 60x90cm | 600x600mm / 60x60cm

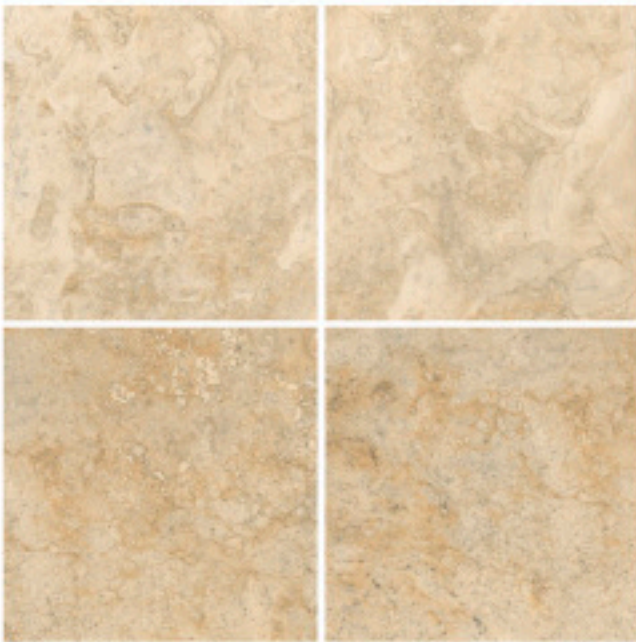
Crema 60x60cm



Silver 60x60cm



Gold 60x60cm



Travertino rapulano Crema 60x60cm



Travertino rapulano Gold 60x60cm



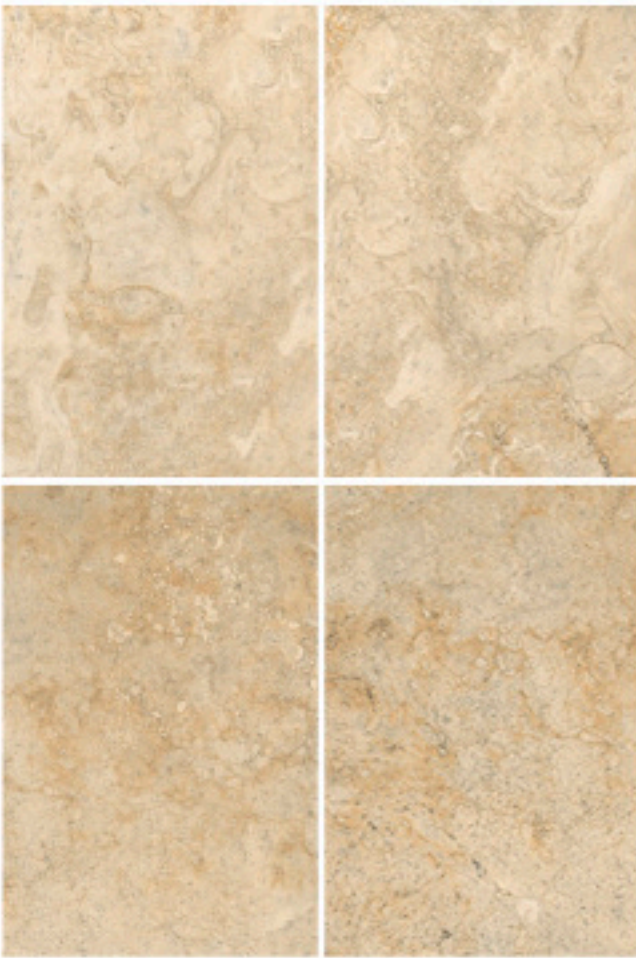
Crema 60x90cm



Silver 60x90cm



Gold 60x90cm



Travertino Rapulano Crema 60x90cm



Travertino Rapulano Gold 60x60cm



NATURAL SLATE



Natural Slate 60x90cm



COLORS



Natural Slate 60x90cm



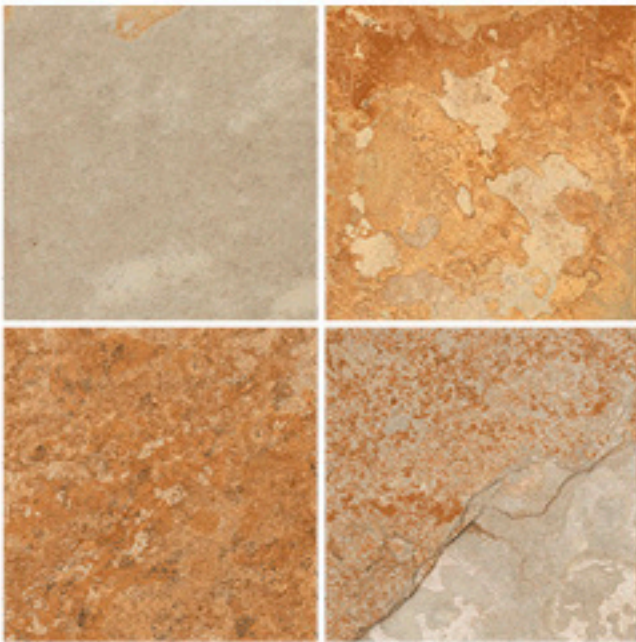
Slate



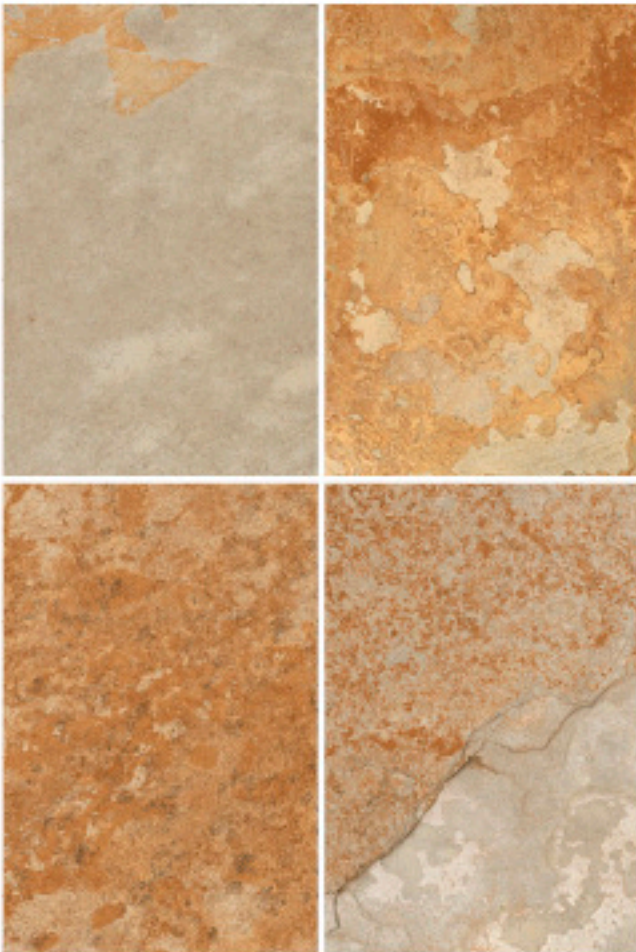
246
247

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Slate 60x60cm



Slate 60x90cm



Natural slate 60x90cm



COBBLE STONE



Cobble Stone Ash 60x90cm



COLORS



Cobble Stone Grey 60x60cm



Grey



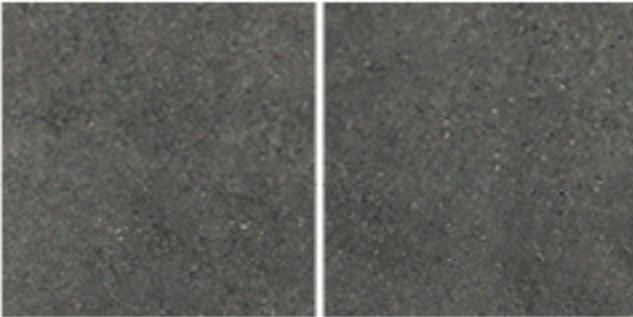
250
251

simolain | riostonein

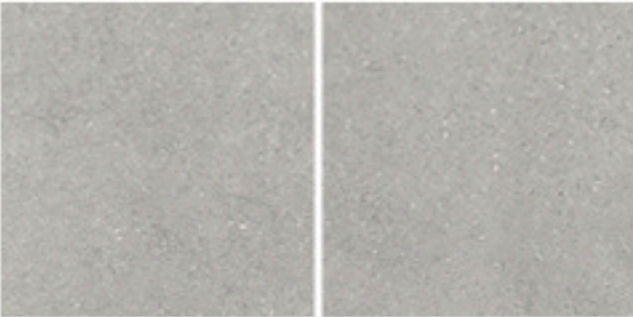
Ash 60x60cm



Nero 60x60cm



Grey 60x60cm



Cobble Stone Ash 60x60cm



Cobble Stone Grey 60x60cm



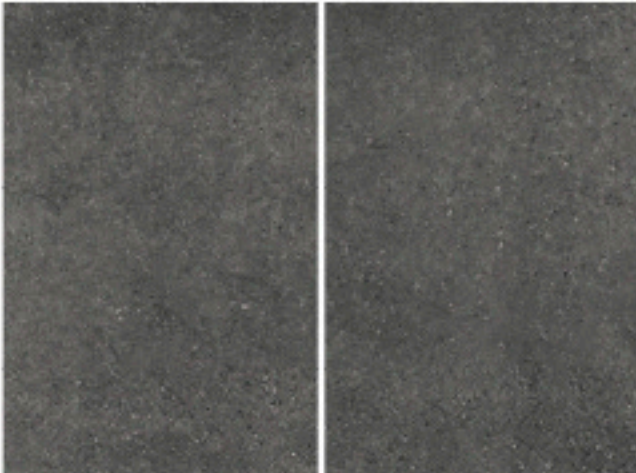
Ash 60x90cm



Grey 60x90cm



Nero 60x90cm



Cobble stone Ash 60x90cm



Cobble stone Nero 60x90cm



BLUE STONE



Blue Stone Grey 60x90cm



COLORS



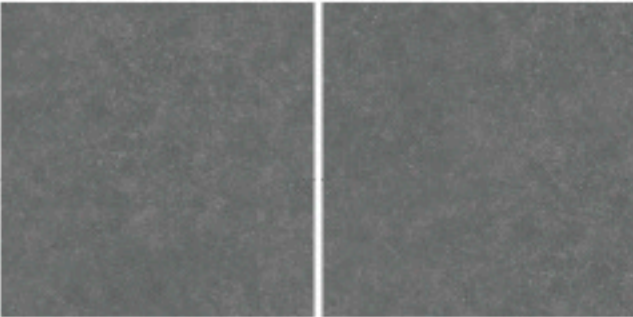
Blue Stone Black 60x90cm



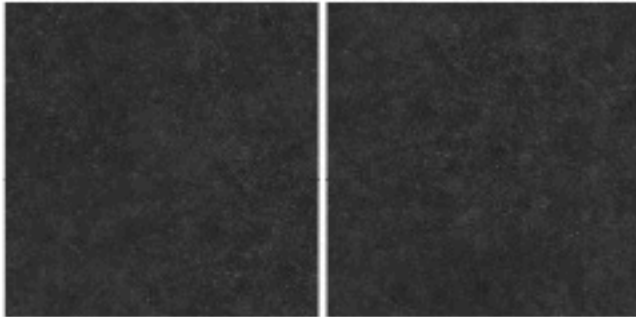
Black



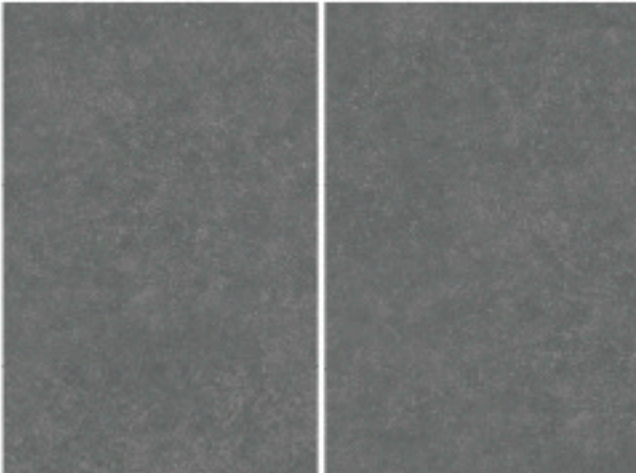
Grey 60x80cm



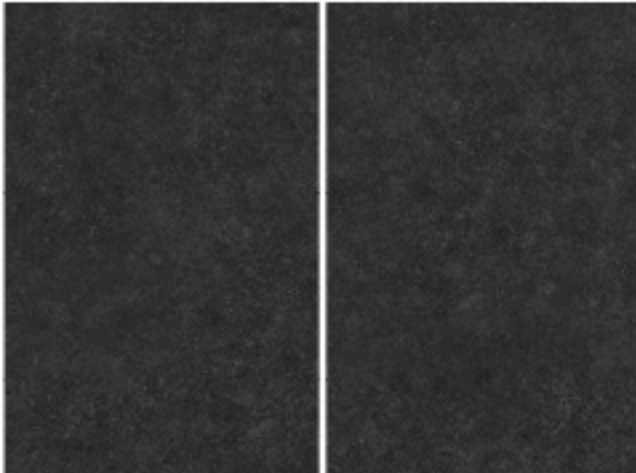
Black 60x80cm



Grey 60x90cm



Black 60x90cm



Blue Stone Black 60x90cm



Blue Stone Grey 60x90cm

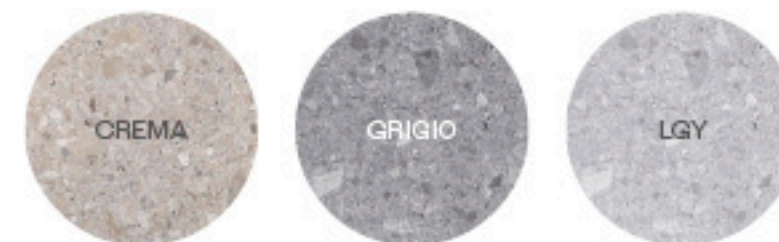




Noor Crema 60x90cm



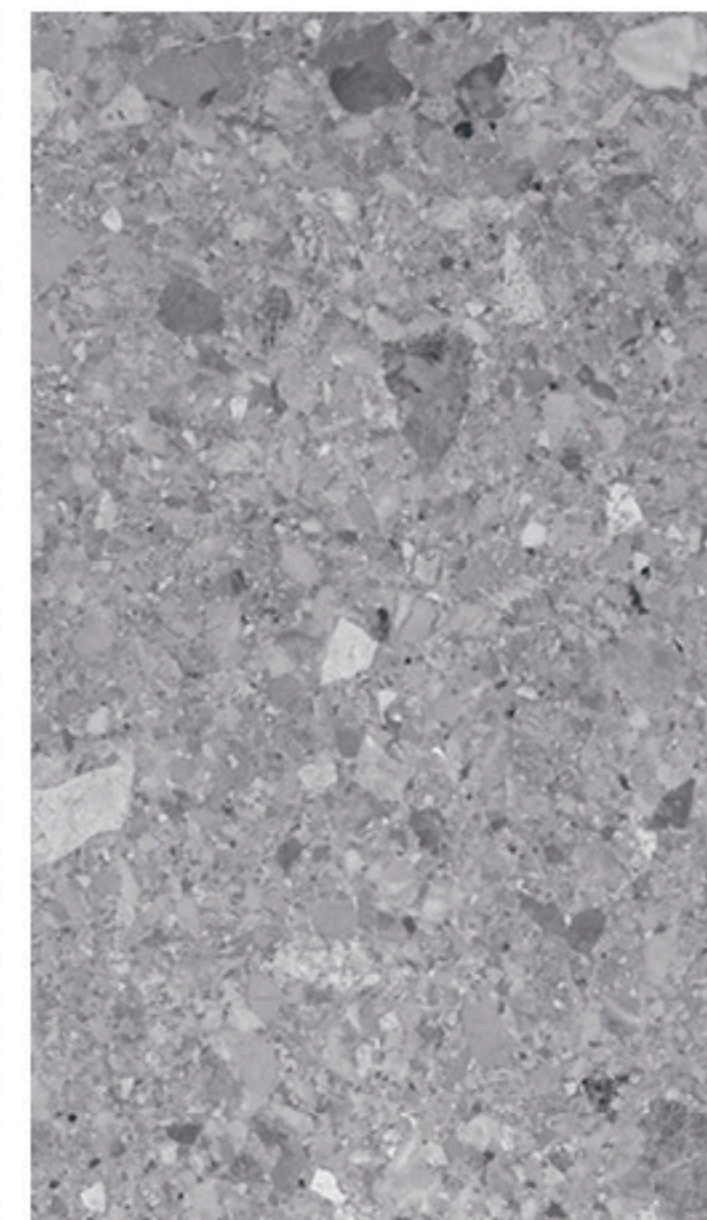
COLORS



Noor Grigio 80x90cm



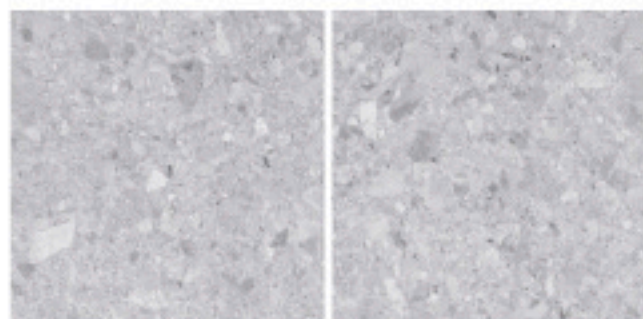
Grigio



280
261

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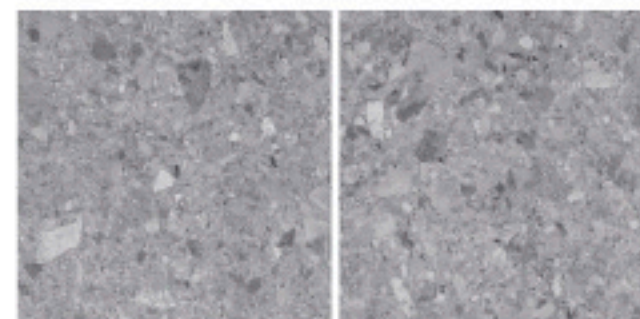
Lgy 60x60cm



Crema 60x60cm



Grigio 60x60cm



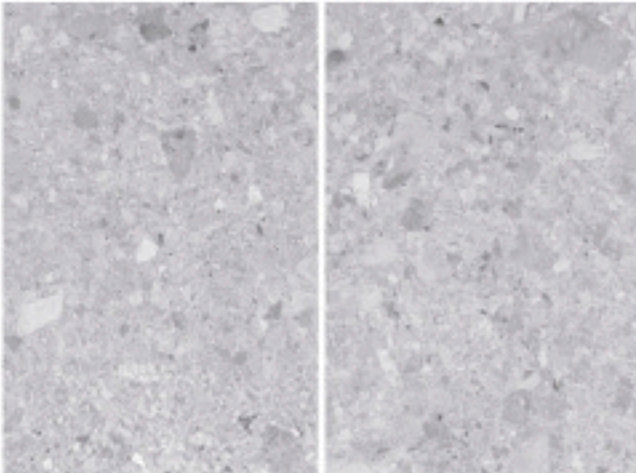
Noor Lgy 60x60cm



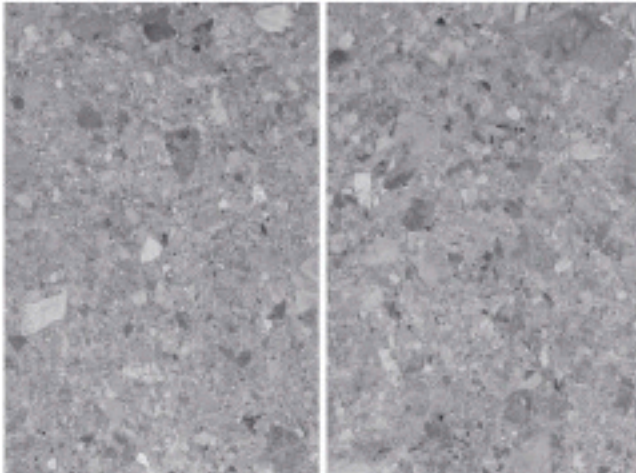
Noor Grigio 60x60cm



Lgy 60x90cm



Grigio 60x90cm



Crema 60x90cm



Noor Lgy 60x90cm



Noor Crema 60x90cm



TECHNICAL CHARACTERISTICS

Sr. No:	TEST CONDUCTED	TEST RESULT	TEST REQUIREMENTS AS PER IS 15622 : 2008	REMARK
1	Water absorption (% by mass)	Average : 0.17	-	Based on the results of water absorption the tested tiles conformed to Gr. B Ib (0.06% ≤ 3%) of IS 15622 : 2008, Further test results were delivered as per requirements of Gr. B Ib
2	Modulus Of Rupture (MOR) N/mm² Span Length = 580 mm Average thickness of the tiles measured = 18.81 mm	Average : 38.0 N/MM²	(Gr. B Ia) Average 38 N/mm² Individual 35 N/mm² Minimum	Passed the test
3	Breaking Strength (N) Span Length = 580 mm Average thickness of the tiles measured = 18.81 mm	Average : 8090.0 N	(Gr. B Ia) For thickness > 7.5 mm 1200 N minimum	Passed the test
4	Scratch Hardness Surface (Mohs' scale)	No. 7	(Gr. B Ia) For commercial application 8 minimum, Home application 5 minimum	Passed the test
5	Thermal Shock Resistance	None of the tiles as tested showed any defects on surface at the end of the 10th cycle.	(Gr. B Ia) Tiles specimens should not show any visible defect when subjected to thermal shock resistance test as per test method IS 15630 : 2008 (Part 5) with Immersion	Passed the test
6	Bulk Density (gm/cc)	Average : 2.302	IS 15630 (Part 2) : 2008	
7	Co-efficient of Thermal Expansion from ambient Temperature to 100oC	L = 4.4868 (10⁻⁶ K⁻¹) B = 4.6883 (10⁻⁶ K²)	-	Passed the test
8	Straightness of Sides (facial sides) The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.05 % (Max) ± 0.08 % (Max)	(Gr. B Ia) S > 410 cm² ± 0.1 %	Passed the test
9	Rectangularity The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.10 % (Max) ± 0.10 % (Max)	± 0.1 %	Passed the test
10	Surface Flatness The maximum deviation from flatness in percent			
	(a) Centre of curvature related to diagonal calculated from work size.	± 0.17 % (Max)	± 0.2 %	Passed the test
	(b) Edge of curvature related to the corresponding work size	+ 0.10 % (Max) ± 0.14 % (Max)	± 0.2 %	Passed the test
	(c) Warpage related to the diagonal calculated from the Work Size	± 0.08 % (Max) ± 0.08 % (Max)	± 0.2 %	Passed the test
11	Chemical resistance			
	Five test specimens were treated with following solns.			
	(a) Centre of curvature related to diagonal calculated from work size.	± 0.17 % (Max)	± 0.2 %	Passed the test
	(b) Edge of curvature related to the corresponding work size	± 0.10 % (Max) ± 0.14 % (Max)	± 0.2 %	Passed the test
	(c) Warpage related to the diagonal calculated from the Work Size	± 0.08 % (Max) ± 0.08 % (Max)	± 0.2 %	Passed the test
	Five test specimens were treated with following solns.			
	1. Household Chemicals			
	a) Ammonium Chloride soln. (100 gm/l)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	b) Standard cleaning Agent soln., (as per procedure)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	2. Swimming pool salts			
	a) Sodium Hypochlorite Soln. (20 mg / l)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	b) Copper Sulphate Soln. (20 mg / l)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.	* Class - AA * min.	Conformed to "Class-AA"
	3. Acids			
	a) Hydrochloric acid Soln. 3 % (v/v)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"
	b) Citric acid Soln. (200 mg / l)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"
	4. Alkali			
	Potassium hydroxide soln., (200 mg / l)	No visual changes observed after Immersion for 8 hrs., pencil lines removed with soft dry cloth.		Conformed to "Class-AA"

12	Skid Resistance / Surface Slip Resistance (a) Condi Tile Surface was cleaned thoroughly be wet cloth followed by dry cloth and ensured that the surface is completely clean and dryt the b) Direction of Test 1) Parallel to sides (4 Measurements) 2) Diagonal to sides (4 Measurements)	Coeffolent of friction μ 1) 0.83 2) 0.78 3) 0.77 4) 0.78 5) 0.78 6) 0.75 7) 0.78 8) 0.78	As per ISO 10545 Part - 17	-
	13	Moisture expansion in/mm / mtr.)	0.00	-
	14	Skid Resistance/ Surface Slip Resistance BS EN Standard specification EN14411 :2018 (Group B Ia)	R-11	R-11

PACKING DETAILS (OUTDOOR)

SIZE	WEIGHT / BOX (KG)	PCS / BOX	BOXES / PALLATE	PALLATE / OTN	BOXES / CTN	MT2 / BOX	MT2 / PALLATE	MT2 / OTN	WEIGHT / OTN (KG)
800x800mm (20mm)	23.75	1	42	27	1134	0.54	22.88	612.38	27750
800x800mm (20mm)	32	2	32	28	832	0.72	23.04	599.04	27404
800x1200mm (20mm)	31.5	1	30	28	870	0.72	21.8	628.4	27950
900x1200mm (20mm)	31.5	2	28	30	840	0.72	20.18	604.8	27500
800x800mm (20mm)	28.5	1	30	31	890	0.84	19.2	595.2	27800

PACKING DETAILS (PATIOPACK)

SIZE	PCS/ CRAT	MT2/ PCS	MT2/ CRAT (EACH SIZE)	IN KGS / CRAT	CRAT / CTN	MT2/ CTN	WEIGHT / CTN (Kg)
800x800mm(20mm)	18	0.54	9.72	423.00	28	610.74	27282
800x800mm (20mm)	18	0.38	8.48	270.00			
800x288mm (20mm)	18	0.18	3.24	148.50			
288x288mm (20mm)	18	0.09	1.62	78.50			

BOX DESIGN	STANDARD SAFEDA PALLATE
 800x800mm	 1183.80x748.30mm
 800x800mm	 1003.30x748.30mm