

Italia Collection





STONE

BALZA

CHALK, ASH, CARBON

NEO BASALT

BIANCO

PIETRA

LAVICA GRAPHITE, LAVICA SILVER



AIRTECH/

MIAMI WHITE, BASEL GREY, LONDON BLACK



WALKS/1.0

WHITE, BEIGE, GREY, BLACK



ARDOISE

IVOIRE, GRIS, PLOMBE, NOIR



ONYX&MORE

WHITE PORPHYRY, SILVER PORPHYRY

BALZA











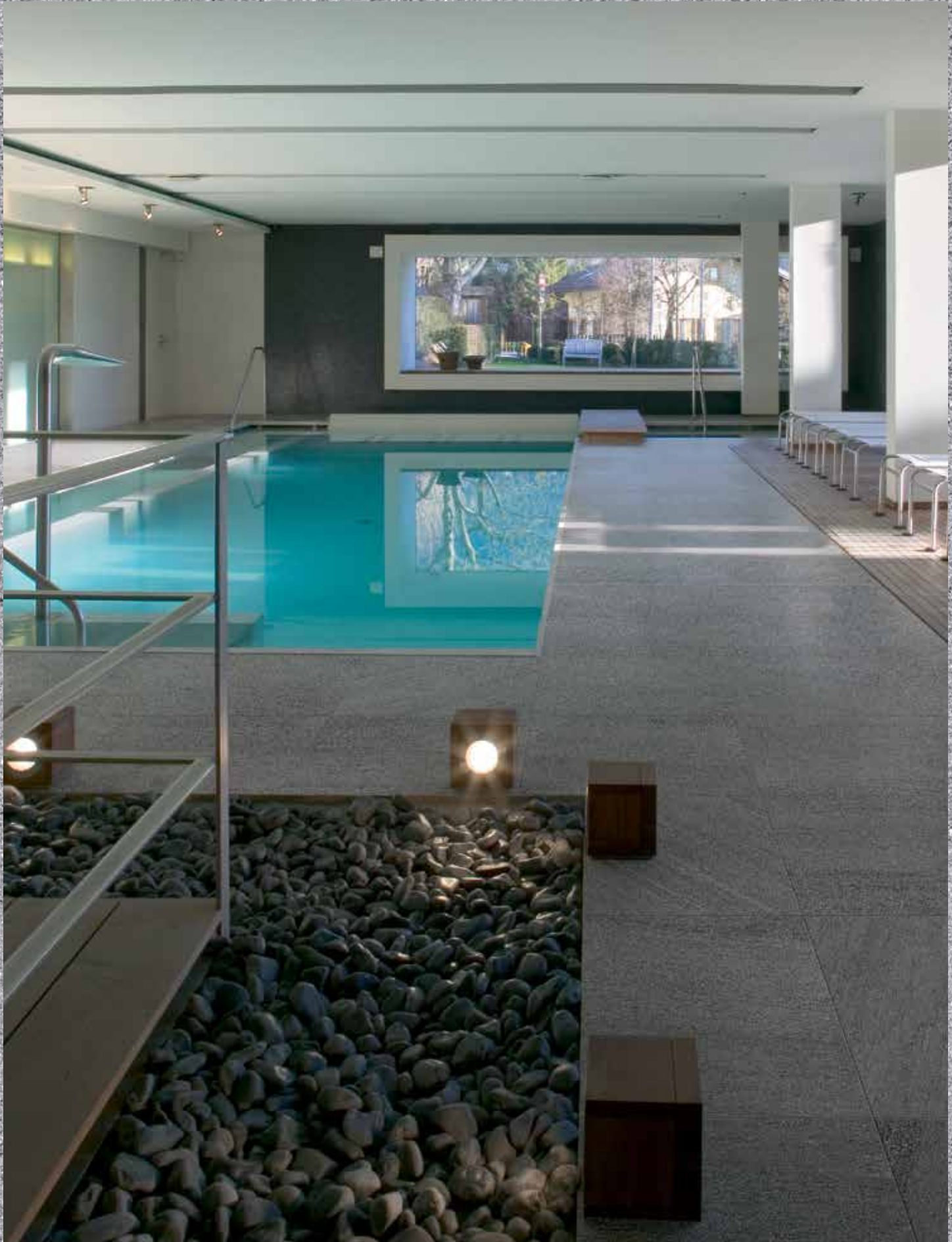
NEO BASALT



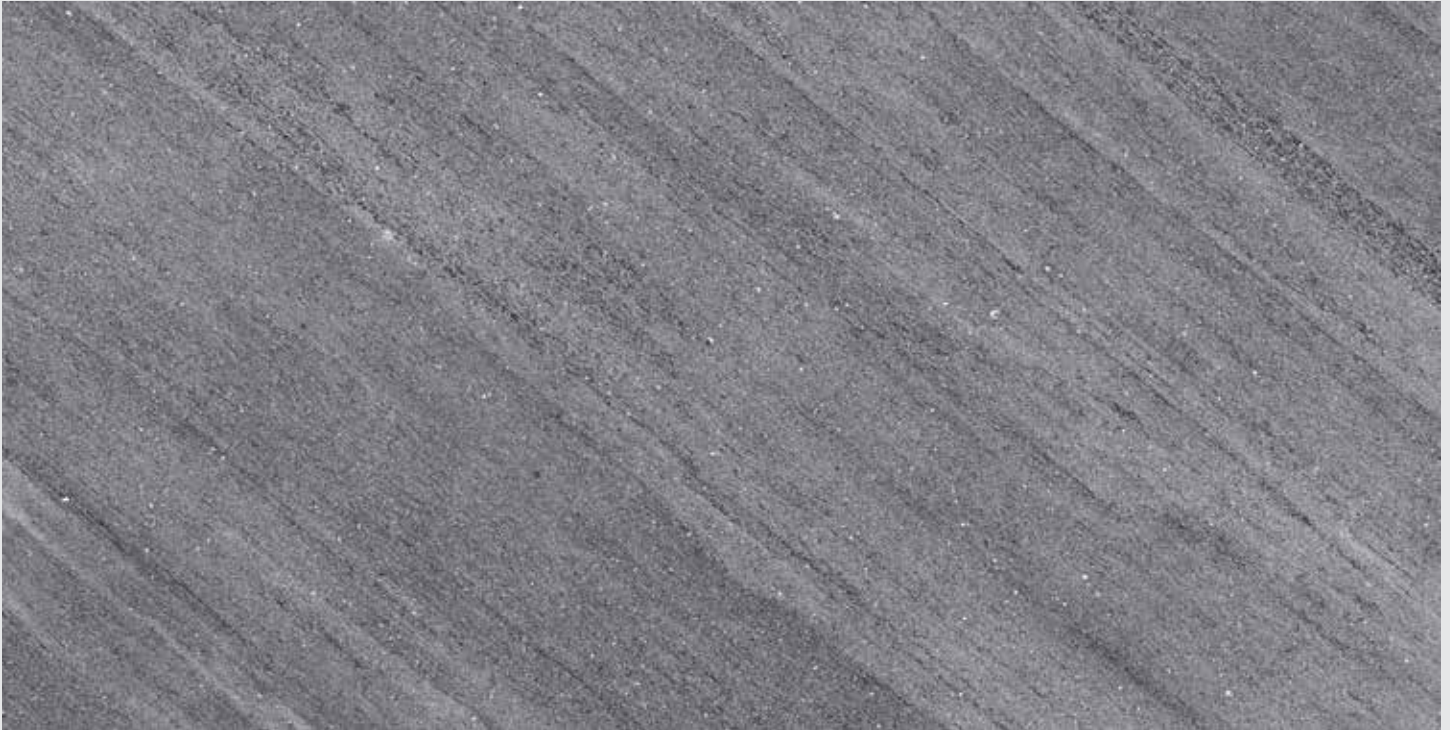




GGAGE



PIETRA













AIRTECH/

AIRTECH/

Airtech/ is a collection designed to create spaces that interact with each other in a uniform and discreet manner offering multiple design options. Airtech/ is the reinterpretation of stones whose urban charm and clean graphics bestow an air of a discreet luxury.

















WALKS/1.0

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Quartzite is a metamorphic type of rock made mainly of quartz, roughly worked and which use is much diffused within the building sector and refractory industry. It is an extremely resistant material, often also used for outdoor flooring.









ARDOISE

ARDOISE

By taking rough, well-worn elements and combining them with luxury fabrics, antiques and artistic items we create an atmosphere that tells a story.

The colours and the various sizes are clear, communicative elements that help to rediscover an emotional dimension and enhance the importance and the value of any architecture. The delicate colours bring to mind a strong sense of freedom, air, light and open spaces, receptive to the creativity of living in places and cultures that are continually changing.

The space adapts itself to our desires and Rex manages to make a timeless material modern, by giving it new life.

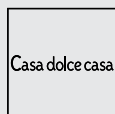












ONYX&MORE

ONYX&MORE

From the union of onyx and porphyry, a secret tale that brings with it all the allure of nature

Chromatic blends and harmonious contrasts that only nature can bestow. In Onyx&More of Casa dolce casa, the harmonious equilibrium between elegance and creativity reveals itself in the original and extraordinary combination of two very different stones which brings refined, welcoming and intimate spaces into being.









PRODUCT INFORMATION

BALZA

CHALK



40×80 cm. (15^{3/4}"x31^{1/2}")



NATURALE R10

GRIP R11

741144

741150

THICKNESS: 10 mm. (3/8")

ASH



40×80 cm. (15^{3/4}"x31^{1/2}")



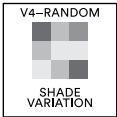
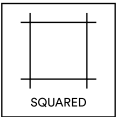
NATURALE R10

GRIP R11

741145

741151

THICKNESS: 10 mm. (3/8")

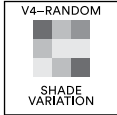
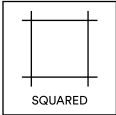


BALZA

CARBON



40x80 cm. (15 ^{3/4} "x31 ^{1/2} ")	
NATURALE R10	GRIP R11
741146	741152
THICKNESS: 10 mm. (3/8")	



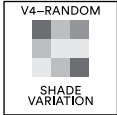
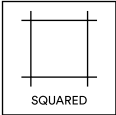


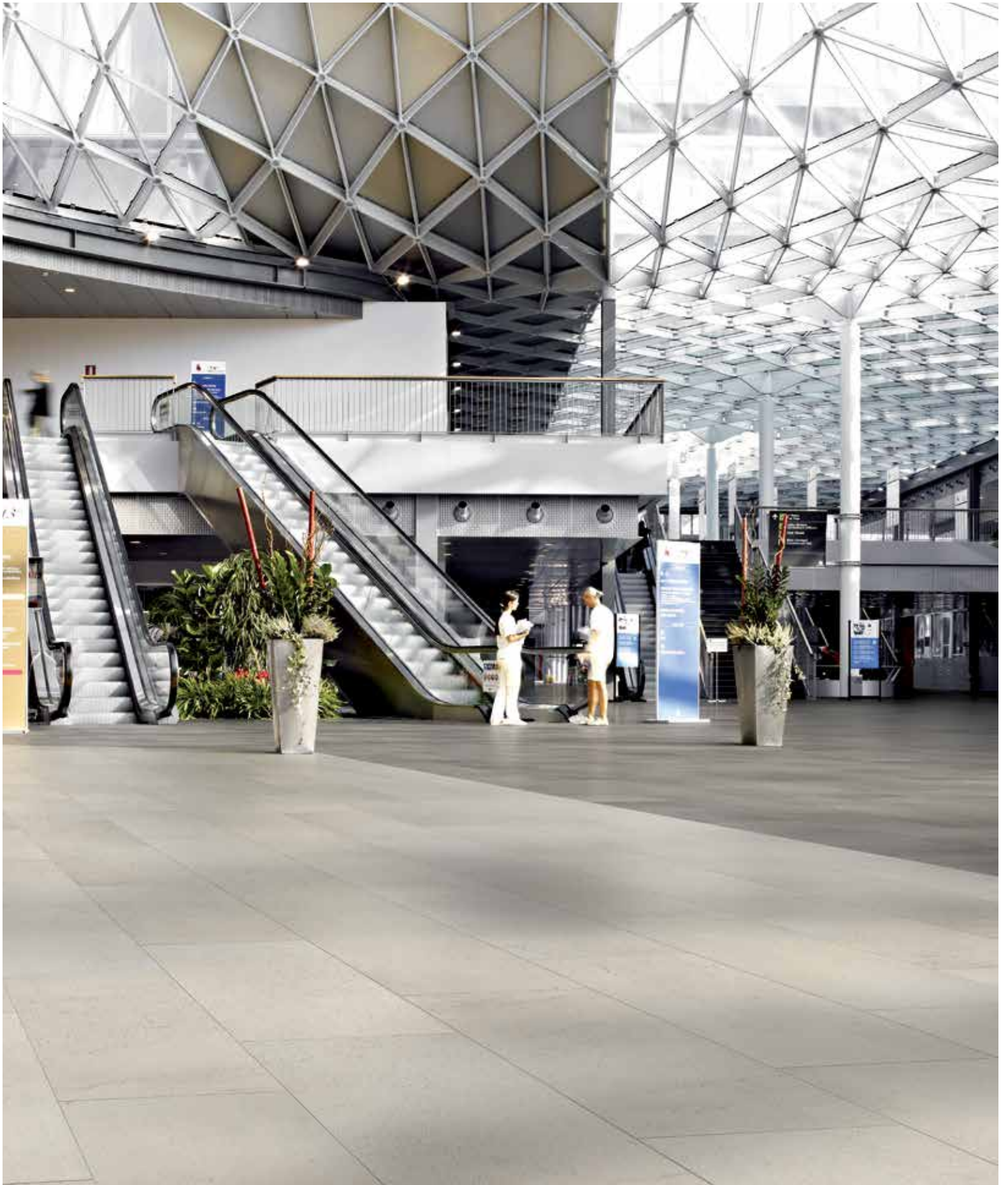
NEO BASALT

BIANCO



40×80 cm. (15 ^{3/4} "x31 ^{1/2} ")		80×80 cm. (31 ^{1/2} "x31 ^{1/2} ")	
SOFT R9	NATURALE R10	SOFT R9	NATURALE R10
741394	741400	741412	741418
THICKNESS: 10 mm. (3/8")			

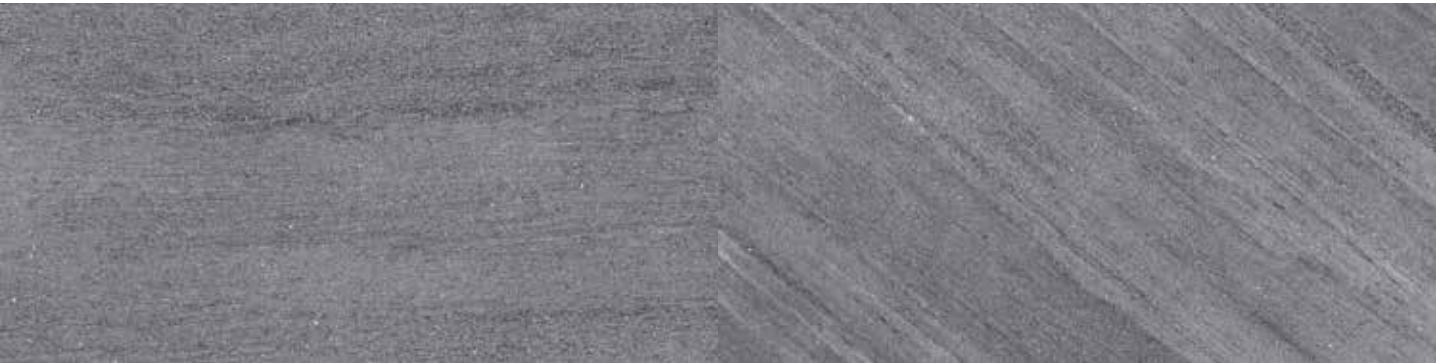






PIETRA

LAVICA GRAPHITE



60x120 cm. (23^{5/8}"x47^{1/8}")



NAT

748206

THICKNESS: 10 mm. (3/8")

LAVICA SILVER



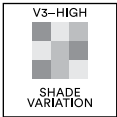
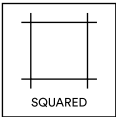
60x120 cm. (23^{5/8}"x47^{1/8}")



NAT

748205

THICKNESS: 10 mm. (3/8")





MIAMI WHITE



20.2×20.2 cm. (8"×8")	20.2×30.4 cm. (8"×12")
STRUCTURED	STRUCTURED
758193	758199
THICKNESS: 20 mm. (1/4")	

BASEL GREY



20.2×20.2 cm. (8"×8")	20.2×30.4 cm. (8"×12")
STRUCTURED	STRUCTURED
758194	758200
THICKNESS: 20 mm. (1/4")	

LONDON BLACK



20.2×20.2 cm. (8"×8")	20.2×30.4 cm. (8"×12")
	
STRUCTURED	STRUCTURED
758192	758198
THICKNESS: 20 mm. (1/4")	





MIAMI WHITE



40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	80×80 cm. (31 ¹ / ₂ "x31 ¹ / ₂ ")
	
MATTE	MATTE
760261	760273
THICKNESS: 10 mm. (3/8")	

BASEL GREY

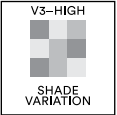
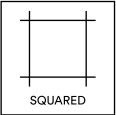


40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	80×80 cm. (31 ¹ / ₂ "x31 ¹ / ₂ ")
	
MATTE	MATTE
760262	760274
THICKNESS: 10 mm. (3/8")	

LONDON BLACK



40x80 cm. (15 ^{3/4"} x31 ^{1/2"})	80x80 cm. (31 ^{1/2"} x31 ^{1/2"})
MATTE	MATTE
760260	760272
THICKNESS: 10 mm. (3/8")	





WHITE



30×60 cm. (12×23^{5/8}")



NAT

728755

THICKNESS: 10 mm. (3/8")

BEIGE



30×60 cm. (12×23^{5/8}")



NAT

728757

THICKNESS: 10 mm. (3/8")

GREY



30×60 cm. (12×23^{5/8}")



NAT

728756

THICKNESS: 10 mm. (3/8")

BLACK



30×60 cm. (12×23^{5/8}")

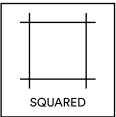
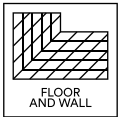


NAT

728758

THICKNESS: 10 mm. (3/8")

* This item is not the standard item in our inventory.
Estimate lead time for the delivery is 60 days





IVOIRE



80×80 cm. (31^{1/2}" x 31^{1/2}")



738645

THICKNESS: 10 mm. (3/8")

GRIS



80×80 cm. (31^{1/2}" x 31^{1/2}")



738647

THICKNESS: 10 mm. (3/8")

PLOMBE



80×80 cm. (31¹/₂"x31¹/₂")



738648

THICKNESS: 10 mm. (3/8")

NOIR

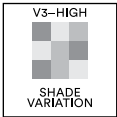
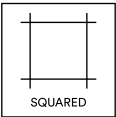


80×80 cm. (31¹/₂"x31¹/₂")



738649

THICKNESS: 10 mm. (3/8")





WHITE PORPHYRY



40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	60×120 cm. (23 ⁵ / ₈ "x47 ¹ / ₈ ")
STRUCTURED	STRUCTURED
765449	765471
THICKNESS: 10 mm. (3/8")	

SILVER PORPHYRY



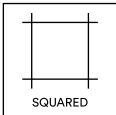
40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	60×120 cm. (23 ⁵ / ₈ "x47 ¹ / ₈ ")
STRUCTURED	STRUCTURED
765451	765473
THICKNESS: 10 mm. (3/8")	



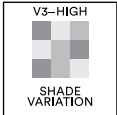
FLOOR
AND WALL



FLORIM
COLOR SYSTEM



SQUARED



V3-HIGH
SHADE
VARIATION



LIGHT
COMMERCIAL



TECHNICAL CHARACTERISTICS

BALZA

	SPECIFICATION REFERENCE: E.N. 14411. APPENDIX G. GROUP B1A.	TEST METHOD	REFERENCE STANDARD	DECLARED VALUE	
			S>410	MATTE/NATUREL	GRIP
	DIMENSIONAL CHARACTERISTICS	ISO 10545-2		CONFORMING	CONFORMING
	% WATER ABSORPTION	ISO 10545-3	E < = 0,5%	E < = 0,1%	E < = 0,1%
	BREAKAGE RESISTANCE IN N (SP. > = 7,5 MM.)	ISO 10545-4	1300 MIN.	> 1700	> 1700
	N/mm2 FLEXURAL STRENGTH TEST		35 MIN.	> 45	> 45
	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	ISO 10545-6	< 175 mm3	< 150	< 150
	THERMAL SHOCKS RESISTANT	ISO 10545-9	-	RÉSISTANT	RÉSISTANT
	FROST RESISTANCE	ISO 10545-12	REQUIRED	RÉSISTANT	RÉSISTANT
	RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI	ISO 10545-13	SEE MANUFACTURER'S DECLARATION.	UHA	UHA
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALI			ULA	ULA
	RESISTANCE TO DOMESTIC CHEMICALS AND ADDITIVES FOR SWIMMING POOLS		UB MIN	UA	UA
	FRICTION COEFFICIENT (SLIPPERINESS)	DIN 51130	-	R10	R11
		DIN 51097	-	-	Cl. A + B
		ASTIM C1028	-	> 0,6 dry and wet	> 0,6 dry and wet

FOR OPTIMAL INSTALLATION RESULTS, COTTO RECOMMENDS MAINTAINING A JOINT OF 2 MM - 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM - 1/8" TO COMBINE MIXED FORMATS.

NEO BASALT

FINE PORCELAIN STONEWARE DRY-PRESSED CERAMIC TILES E≤0,5%. QUALITY SPECIFICATIONS, ACCORDING TO CONTROL TESTS OF EN 14411APPENDIX G GROUP BIA UGL						
	PRODUCT AREA S (CM2)	STANDARD REQUIREMENTS			TEST RESULTS	TEST METHOD
		7CM≤N<15CM	N≥15CM			
		(MM)	(%)	(MM)		
	LENGTH AND WIDTH (ADMITTED TOLERANCE FROM FACTORY SIZE)	±0,9 MM	±0,6%	±2 MM	±0,15%	ISO 10545-2
	THICKNESS: AVERAGE THICKNESS TOLERANCE, IN % VERSUS PRODUCTION DIMENSION	±0,5 MM	±5%	±0,5 MM	±5%	ISO 10545-2
	STRAIGHTNESS OF EDGES	±0,75 MM	±0,5%	±1,5 MM	±0, 1%	ISO 10545-2
	FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING)	±0,75 MM	±0,5%	±2,0 MM	±0, 2%	ISO 10545-2
	SURFACE QUALITY	95% OF TILES WITH NO VISUAL DEFFECTS			CONFORMING	ISO 10545-2
	% WATER ABSORPTION	≤0,5%			<0,1%	ISO 10545-3
	RUPTURE FORCE IN N (THICKNESS≥7,5 MM)	1300 MIN			>1700	ISO 10545-4
	BENDING STRENGTH N/MM2	35 MIN			>40	ISO 10545-4
	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	SEE MANUFACTURIER'S DECLARATION			<150 MM³	ISO 10545-6
	RESISTANCE TO STAINING	CLASSE 3 MIN			CLASSE 4-5	ISO 10545-14
	THERMAL SHOCKS RESISTANT	-			RESISTANT	ISO 10545-9
	RESISTANCE TO HOUSE AND SWIMMING POOL CHEMICALS	UB MIN			UA	ISO 10545-13
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALI	SEE MANUFACTURER'S DECLARATION			ULA	ISO 10545-13
	RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI				UHA	
	FROST RESISTANCE	REQUIRED			RESISTANT	ISO 10545-12
	FRICTION CONEFFICIENT (SLIPPERINESS)	-			R11 (GRIP) R10 (NATURALE) R9 (SOFT)	DIN 51130
		-			CLASSE A (NATURALE/SOFT)	DIN 51097
		-			>0,6 DRY AND WET (NATURALE/SOFT)	ASTM C1028

FOR OPTIMAL INSTALLATION RESULTS, COTTO RECOMMENDS MAINTAINING A JOINT OF 2 MM - 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM - 1/8" TO COMBINE MIXED FORMATS.

PIETRA

STANDARD REFERENCE CERAMIC TILES NOT DRY-PRESSED NON MODULARI EN 14411:2003 APPENDIX G GROUP BIA UGL						
	CHARACTERISTICS		GRIP SURFACE	NATURAL SURFACE	LAPPATA SURFACE	TEST METHOD
		STANDARD REQUIREMENT PRESCRIPTIONS	DECLARED VALUE	DECLARED VALUE	DECLARED VALUE	
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,6%	±0,15%	±0,15%	±0,15%	ISO 10545-2
	ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±5%	±5 %	±5 %	±5 %	ISO 10545-2
	MAXIMUM STRAIGHTNESS DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,5%	±0,1%	±0,1%	±0,1%	ISO 10545-2
	MAXIMUM RIGHT-ANGLE DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,5%	±0,2%	±0,2%	±0,2%	ISO 10545-2
	FLATNESS (CURVING IN THE MIDDLE, DELLO SPIGOLO E SVERGOLAMENTO)	±0,5%	±0,35%	±0,35%	±0,35%	ISO 10545-2
	SURFACE QUALITY	AT LEAST 95% OF THE TILES MUST BE FREE FROM VISIBLE FLAWS.	COMPLIANT	COMPLIANT	COMPLIANT	ISO 10545-2
	% WATER ABSORPTION	<0,5%	≤0,5%	≤0,5%	≤0,5%	ISO 10545-3
	BREAKING STRENGTH IN N	>1300	>1700	>1700	>1700	ISO 10545-4
	FLEXURAL STRENGTH TEST IN N/MM2	>35	>40	>40	>40	ISO 10545-4
	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	<175 mm3	<150 mm3	<150 mm3	<150 mm3	ISO 10545-6
	TERMAL SHOCK RESISTANT	REQUESTED	Resist	Resist	Resist	ISO 10545-9
	RESISTANCE TO STAINING	CLASSE 3 MIN	5	5	4	ISO 10545-14
	RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS	SEE MANUFACTURER'S DECLARATION	UHA	UHA	UHB	ISO 10545-13
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS	SEE MANUFACTURER'S DECLARATION	ULA	ULA	ULB	ISO 10545-13
	RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	CLASS B MIN.	UA	UA	UA	ISO 10545-13
	R SLIPPERINESS SHOE CLAD FEET		R11			DIN 51130
	R SLIPPERINESS BARE FEET		Class A+B			DIN 51097
	FROST RESISTANCE	REQUESTED	RESIST	RESIST	RESIST	ISO 10545-12

FOR OPTIMAL INSTALLATION RESULTS, COTTO RECOMMENDS MAINTAINING A JOINT OF 2 MM - 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM - 1/8" TO COMBINE MIXED FORMATS.

	SPECIFICATION REFERENCE: E.N. 14411, APPENDIX G. BUNCH B1A.UGL 20 mm.		
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	ISO 10545-2	±0,6%
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF 10 SAMPLE PIECES		±0,15%
	THICKNESS		±5%
	EDGE STRAIGHTNESS		±0,1%
	SQUARENESS		±0,2%
	FLATNESS		±0,35%
	SURFACE QUALITY		CONFORMING
	% WATER ABSORPTION	ISO 10545-3	<0,1%
	BREAKAGE RESISTANCE IN N	ISO 10545-4	>1700
	N/mm² FLEXURAL STRENGTH TEST		>40
	ABRASION RESISTANCE	ISO 10545-6	<175 mm³
	THERMAL SHOCKS RESISTANT	ISO 10545-9	RESISTANT
	FROST RESISTANCE	ISO 10545-12	RESISTANT
	RESISTANT TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS	ISO 10545-13	UHA , ULA
	RESISTANT TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	ISO 10545-13	CLASS UA
	RESISTANT TO STAINING	ISO 10545-14	CLASS 3,4
	FRICTION COEFFICIENT (SLIPPERNESS)	DIN 51130	R11 SLATE-HAMMERED
		DIN 51097	Cl. A+B+C SLATE-HAMMERED
		DCOF	>0,42 wet

FOR OPTIMAL INSTALLATION RESULTS, FLORIM RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS
THE TEST RESULT REFER ONLY TO FIRST CLASS ITEMS AND THEY DO NOT REGARD THE TRIM PIECES



	SPECIFICATION REFERENCE: E.N. 14411. APPENDIX G. BUNCH B1A. UGL		REFERENCE STANDARD	DECLARED VALUE	
		TEST METHOD	S>410	NATURALE/ MATT	SOFT
	DIMENSIONAL CHARACTERISTICS	ISO 10545-2	CONFORMING	CONFORMING	
	% WATER ABSORPTION	ISO 10545-3	E<0.5%	E<0.1%	E<0.1%
	BREAKAGE RESISTANCE IN N (SP. >=7,5 MM.)	ISO 10545-4	1300 MIN.	>1700	>1700
	N/mm² FLEXURAL STRENGTH TEST		35 MIN	>40	>40
	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	ISO 10545-6	<175 mm³	<150	<150
	THERMAL SHOCKS RESISTANT	ISO 10545-9	REQUIRED	RESISTANT	
	FROST RESISTANCE	ISO 10545-12	REQUIRED	RESISTANT	
	RESISTANT TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI	ISO 10545-13	SEE MANUFACTURER'S DECLARATION	UHA	UHA
	RESISTANT TO LOW CONCENTRATIONS OF ACIDS AND ALKALI			ULA	ULA
	RESISTANT TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS			UB MIN	UA
	RESISTANCE TO STAINING	ISO 10545-14	-	4	4
	FRICTION COEFFICIENT (SLIPPERNESS)	DIN 51130	-	R11	R9
		DIN 51097	-	Cl. C	-
		ASTM C1028	-	>0.6 dry and wet	-

FOR OPTIMAL INSTALLATION RESULTS, FLORIM RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS
 N.B. The test results refer only to first class items and they do not regard the trim pieces



	SPECIFICATION REFERENCE E.N. 14411, APPENDIX G. BUNCH B1A.UGL		
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	ISO 10545-2	±0,6%
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF 10 SAMPLE PIECES		±0,5% ±0.15% (Squared)
	THICKNESS		±5%
	EDGE STRAIGHTNESS		±0,5% ±0.10% (Squared)
	SQUARENESS		±0,6% ±0.20% (Squared)
	FLATNESS		±0.35%
	SURFACE QUALITY		CONFORMING
	% WATER ABSORPTION	ISO 10545-3	<0,1%
	BREAKAGE RESISTANCE IN N	ISO 10545-4	>1700
	N/mm² FLEXURAL STRENGTH TEST		>40
	ABRASION RESISTANCE	ISO 10545-6	<150 mm³
	THERMAL SHOCKS RESISTANT	ISO 10545-9	RESISTANT
	FROST RESISTANCE	ISO 10545-12	RESISTANT
	RESISTANT TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS	ISO 10545-13	CLASS ULA
	RESISTANT TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	ISO 10545-13	CLASS UA
	RESISTANT TO STAINING	ISO 10545-14	CLASS 4
	FRICTION COEFFICIENT (SLIPPERNESS)	DIN 51130	R10 naturale R11 grip
		DIN 51097	Class B grip
		ASTMC 1028	DRY>0,6 WET>0,6

FOR OPTIMAL INSTALLATION RESULTS, FLORIM RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS
 N.B. The test results refer only to first class items and they do not regard the trim pieces

	SPECIFICATION REFERENCE E.N. 14411, APPENDIX G. BUNCH B1A.UGL		
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	ISO 10545-2	±0,6%
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF 10 SAMPLE PIECES		±0,5% ±0.15% (Squared)
	THICKNESS		±5%
	EDGE STRAIGHTNESS		±0,5% ±0.10% (Squared)
	SQUARENESS		±0,6% ±0.20% (Squared)
	FLATNESS		±0.35%
	SURFACE QUALITY		CONFORMING
	% WATER ABSORPTION	ISO 10545-3	<0,1%
	BREAKAGE RESISTANCE IN N	ISO 10545-4	>1700
	N/mm² FLEXURAL STRENGTH TEST		>40
	ABRASION RESISTANCE	ISO 10545-6	<150 mm³
	THERMAL SHOCKS RESISTANT	ISO 10545-9	RESISTANT
	FROST RESISTANCE	ISO 10545-12	RESISTANT
	RESISTANT TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS	ISO 10545-13	CLASS ULA
	RESISTANT TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	ISO 10545-13	CLASS UA
	RESISTANT TO STAINING	ISO 10545-14	Cl. 5 SLATE-HAMMERED
	FRICTION COEFFICIENT (SLIPPERNESS)	DIN-51130:2010	R10 SLATE-HAMMERED
		DIN 51097	Cl. B SLATE-HAMMERED

FOR OPTIMAL INSTALLATION RESULTS, FLORIM RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS
 N.B. The test results refer only to first class items and they do not regard the trim pieces



MODERN

CEMENTUM

GRIGIO, TAUPE, PLOMB



BUILDTECH/

WHITE, BONE, MUD, COAL



INDUSTRIAL/

STEEL, IVORY, SAGE, PLOMB

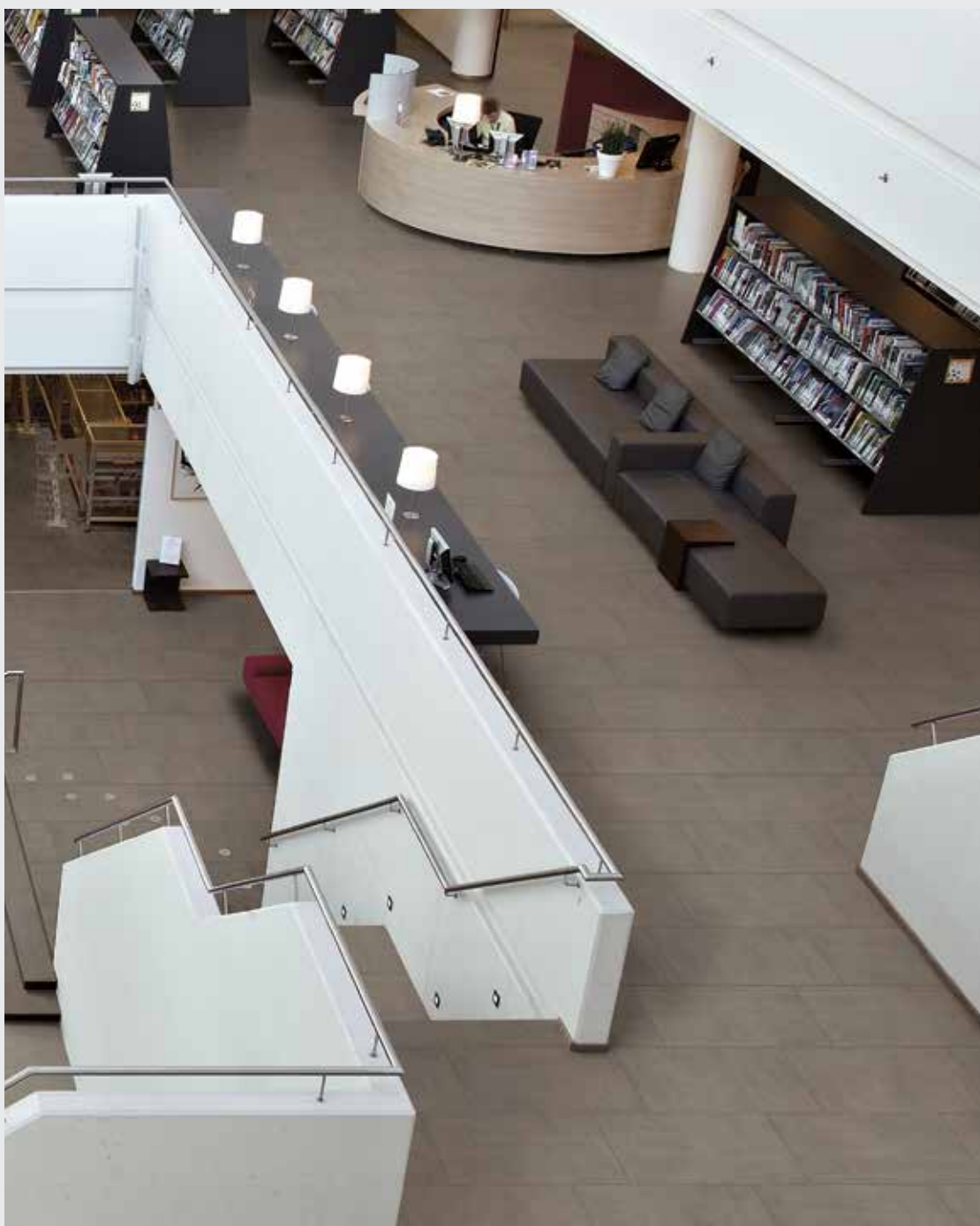
CEMENTUM



















BUILDTECH/

BUILDTECH/

Buildtech is a collection that includes aesthetic and material solutions, each different from the other. Continual and coherent research has enabled an intuitive approach to be developed, comprising interest and curiosity towards possible modes of living.

It interprets an essential but sophisticated style emphasized by the possibility of multiple combinations between different effects and different surfaces.













INDUSTRIAL/

INDUSTRIAL/

The materials research carried out by Floor Gres is enriched by a new interpretation of cement with “Industrial”, offering a new style with an industrial accent, inspired by the world of machines filtered through an aesthetic vision. Erstwhile factories become modern metropolitan lofts, perfectly integrated in the surrounding area and given a warm touch by the presence of elements in wood and metal to offer new design inspirations and broaden the decorative possibilities of this Floor Gres range.









PRODUCT INFORMATION

CEMENTUM

GRIGIO

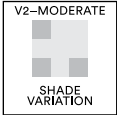
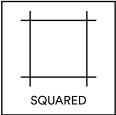


60×60 cm. (23 ^{5/8} "x23 ^{5/8} ")	60×120 cm. (23 ^{5/8} "x47 ^{1/8} ")
NATURALE	
745125	745133
THICKNESS: 10 mm. (3/8")	

TAUPE



60×60 cm. (23 ^{5/8} "x23 ^{5/8} ")	60×120 cm. (23 ^{5/8} "x47 ^{1/8} ")
NATURALE	
745126	745134
THICKNESS: 10 mm. (3/8")	

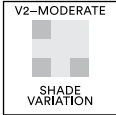
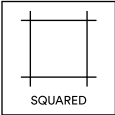


CEMENTUM

PLOMB



60×60 cm. (23 ^{5/8} "x23 ^{5/8} ")	60×120 cm. (23 ^{5/8} "x47 ^{1/8} ")
NATURALE	
745124	745132
THICKNESS: 10 mm. (3/8")	





WHITE GG



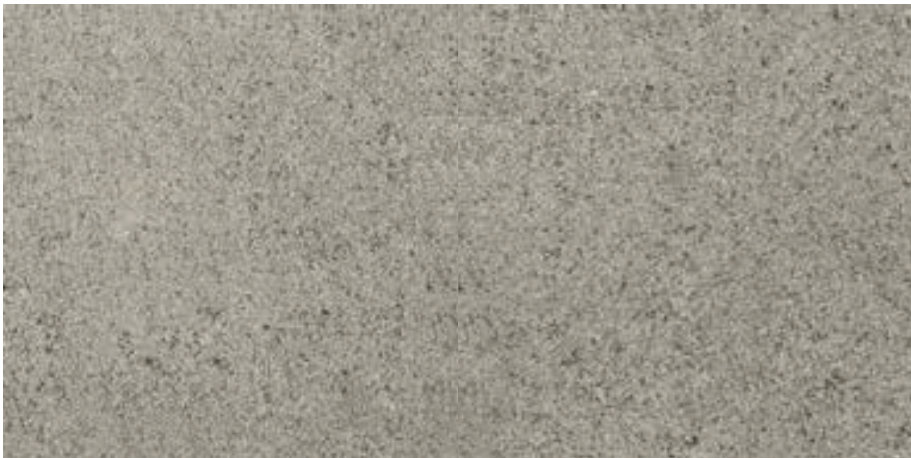
40x80 cm. (15 ^{3/4} "x31 ^{1/2} ")	
R10	R11
748971	748983
THICKNESS: 10 mm. (3/8")	

BONE GG



40x80 cm. (15 ^{3/4} "x31 ^{1/2} ")	
R10	R11
748972	748984
THICKNESS: 10 mm. (3/8")	

MUD GG



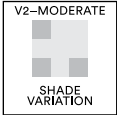
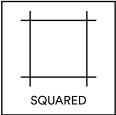
40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	
R10	R11
748975	748987
THICKNESS: 10 mm. (3/8")	

COAL GG



40×80 cm. (15 ³ / ₄ "x31 ¹ / ₂ ")	
R10	R11
748976	748988
THICKNESS: 10 mm. (3/8")	

* This item is not the standard item in our inventory.
Estimate lead time for the delivery is 60 days

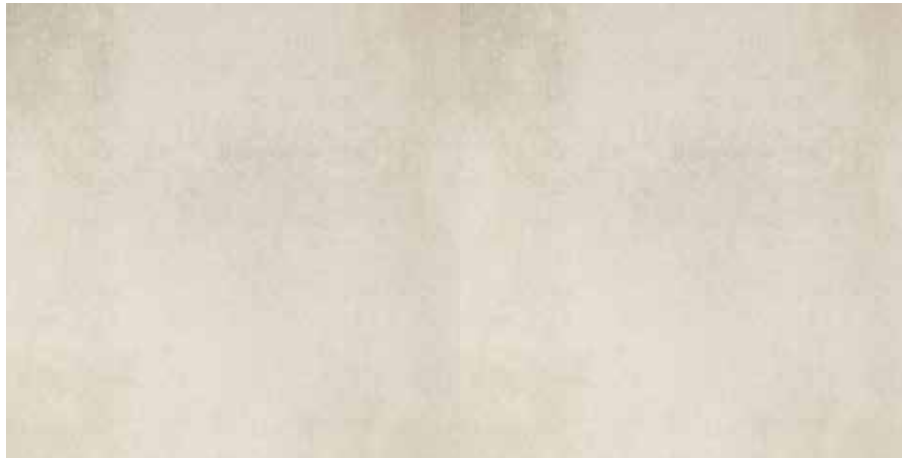






INDUSTRIAL/

IVORY



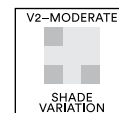
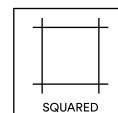
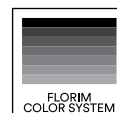
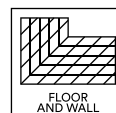
40×80 cm. (15 ^{3/4} " x 31 ^{1/2} ")	80×80 cm. (31 ^{1/2} " x 31 ^{1/2} ")
	
NATURALE	SOFT
738828	738662
THICKNESS: 10 mm. (3/8")	

STEEL



40×80 cm. (15 ^{3/4} " x 31 ^{1/2} ")	80×80 cm. (31 ^{1/2} " x 31 ^{1/2} ")
	
NATURALE	SOFT
738830	738664
THICKNESS: 10 mm. (3/8")	

* This item is not the standard item in our inventory.
Estimate lead time for the delivery is 60 days



TECHNICAL CHARACTERISTICS

CEMENTUM

	FINE PORCELAIN STONEWARE Dry-pressed ceramic tiles. Quality specifications, according to control tests of E.N. 14411. Appendix G group B1a UGL.					
	PRODUCT AREA S (CM2)	STANDARD REQUIREMENTS			TEST RESULTS	REFERENCE STANDARD
		7cm ≤ N < 15 cm	N ≥ 15 cm			
		(mm)	(%)	(mm)		
	LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,9 mm	±0,6%	±2,0 mm	±0,15%	ISO 10545-2
	ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS	±0,5 mm	±5%	±0,5 mm	±5%	
	MAXIMUM STRAIGHTNESS DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,75 mm	±0,5%	±1,5 mm	±0,1%	
	CORRISPONDENTI MAXIMUM RIGHT-ANGLE DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS	±0,75 mm	±0,5%	±2 mm	±0,2%	
	FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING)	±0,75 mm	±0,5%	±2 mm	±0,35%	
	SURFACE QUALITY	AT LEAST 95% OF THE TILES MUST BE FREE FROM VISIBLE FLAWS.			CONFORMING	
	% WATER ABSORPTION	E≤0,5%			<0,1 %	ISO 10545-3
	BREAKING STRENGTH IN N (thickness ≥ 7,5 mm)	1300 min			>1700	ISO 10545-4
	N/mm2 FLEXURAL STRENGTH TEST	35 min			>40	
	RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES	SEE MANUFACTURER'S DECLARATION			<150 mm3	ISO 10545-6
	THERMAL SHOCKS RESISTANT	-			RÉSISTANT	ISO 10545-9
	FROST RESISTANCE	REQUIRED			RÉSISTANT	ISO 10545-12
	RESISTANCE TO STAINING	CLASSE 3 min			CLASSE 4	ISO 10545-14
	DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS	UB min			UA	ISO 10545-13
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS.	MANUFACTURER'S DECLARATION			ULA	
	RESISTANCE TO HIGH CONCENTRATIONS OF ACIDSAND ALKALI				UHA	
	FRICTION COEFFICIENT (SLIPPERINESS)	-			R10 (NATURALE)	DIN 51130:2010

FOR OPTIMAL INSTALLATION RESULTS, COTTO RECOMMENDS MAINTAINING A JOINT OF 2 MM - 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM - 1/8" TO COMBINE MIXED FORMATS.

	SPECIFICATION REFERENCE	TEST METHOD	REFERENCE STANDARD	DECLARED VALUE
	Pendulum friction test BS7976			
	Pendulum friction test	BS7976	–	> 0,40 wet SLATEHAMMERED
	Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)	DCOF	>0,42 wet	>0,42 wet MATTE SLATEHAMMERED
	Barefoot slip resistance	DIN51097	–	Cl. A+B+C SLATEHAMMERED
			–	Cl. A+B MATTE
	Slip resistance with shoes	DIN51130: 2010	–	R10 MATTE
			–	R11 SLATEHAMMERED
	Frost resistance	ISO–10545–12	Required	RESISTANT
	Resistance to high concentrations of acids and alkali	ISO–10545–13	See manufacturer's declaration	UHA MATTE SLATEHAMMERED
	Resistance to low concentrations of acids and alkali			UHB POLISHED
				ULA MATTE SLATEHAMMERED
	Resistance to domestic chemicals and additives for swimming pools		UB minimum	ULB POLISHED
	Resistance to staining	ISO–10545–14	–	4
	Maximum rightangle deviation, in %, in relation to the corresponding production dimensions	ISO–10545–2	±0,5% (±2 mm)	±0,2%
			±0,5% (±1,5 mm)	±0,1%
	Surface quality		At least 95% of the tiles must be free from visible flaws	CONFORMING
	Admitted deviation, in %, of the average thickness of each tile from the production dimensions		±5% (±0,5 mm)	±5%
	Flatness (centre curvature / edge curvature / warpage)		±0,5% (±2mm)	±0,35%
	Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions		±0,6% (±2 mm)	±0,15%
	Amount of water absorbed, in percentage	ISO–10545–3	E<0,5%	average value 0,08%
	Bending strength in N/mm2	ISO–10545–4	>35 N/mm2	average value 52 (sp. / thickness / ép. / Dicke / gr. 20mm)
			>35 N/mm2	average value 50 (sp. / thickness / ép. / Dicke / gr. 10mm)
	Breaking strength in N (thickness >= 7,5 mm)		≥1300 Newton	average value 14000 (sp. / thickness / ép. / Dicke / gr. 20mm)
			≥1300 Newton	average value 3200 (sp. / thickness / ép. / Dicke / gr. 10mm)
	Resistance to deep abrasion of unglazed tiles	ISO–10545–6	<175 mm3	average value 140 mm3
	Thermal shock resistance	ISO–10545–9	–	RESISTANT

FOR OPTIMAL INSTALLATION RESULTS, FLOOR GRES RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS. N.B.

The test results refer to only first class items and they do not regard the trim pieces.



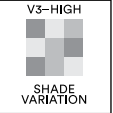
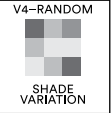
	FINE PORCELAIN STONEWARE			
	Specification Reference: E.N. 14411, Appendix G. Bunch B1a.UGL	TEST METHOD	REFERENCE STANDARD	DECLARED VALUE
	DIMENTIONAL Characteristics	ISO 10545-2	CONFORMING	CONFORMING
	% WATER ABSORPTION	ISO 10545-3	<0.5%	<0.1%
	BREAKAGE RESISTENCE IN N (SP.>=7,5 MM.)	ISO 10545-4	sp. >7,5 mm 1300 MIN. sp. <7,5 mm 700 MIN.	>1700 >700
	N/mm² FLEXURAL STRENGHT TEST		35 MM.	>35
	RESISTANCE TO DEEP ABRATION OF UNGLAZED TILES	ISO 10545-6	< 175 mm³	<150 mm³
	THERMAL SHOCKS RESISTANT	ISO 10545-9	-	RESISTANT
	FROST RESISTANCE	ISO 10545-12	REQUIRED	RESISTANT
	RESISTANT TO HIGH CONCENTRATIONS OF ACIDS AND ALKALI	ISO 10545-13	SEE MANUFACTURER'S DECLARATION	UHA
	RESISTANT TO LOW CONCENTRATIONS OF ACIDS AND ALKALI			ULA
	RESISTANT TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS		MIN B	UA
	RESISTANT TO STAINING	ISO 10545-14	-	4
	FRICTION COEFFICIENT (SLIPPERNESS)	DIN51130	-	R9 SOFT R10 NATURALE
		DIN51097	-	CLASS A+B (NATURALE)
		ASTM C1028	-	>0.6 DRY AND WET (NATURALE)

FOR OPTIMAL INSTALLATION RESULTS, FLOOR GRES RECOMMENDS MAINTAINING A JOINT OF 2 MM 1/12" FOR SINGLE FORMAT INSTALLATIONS AND 3 MM 1/8" TO COMBINE MIXED FORMATS. THE DATA IN THE TECHNICAL TABLE DOES NOT APPLY TO SIZE 120x300 CM.

N.B.

The test results refer to only first class items and they do not regard the trim pieces.

APPLICATION CLASSES

TYPE OF ENVIRONMENT		FLOOR AND WALL	SHADE VARIATION			
			DEGREE OF COLOUR CHANGE / Degree of variation in the shade and/or in the colour between the various parts of the laid product: Minimum V1, Maximum V4.			
 HEAVY COMMERCIAL	 LIGHT COMMERCIAL	 FLOOR AND WALL	 V1-LOW SHADE VARIATION	 V2-MODERATE SHADE VARIATION	 V3-HIGH SHADE VARIATION	 V4-RANDOM SHADE VARIATION
Indoor public environments subject to heavy pedestrain traffic such as: Railway stations, Underground stations, Airports, Shopping malls, Museums, Churches, Hospitals, Banks, Public Offices, Schools, Sports centres, Hotel lobbies. Outdoor public environments subject to heavy pedestrain traffic and to static/dymic leads.	Indoor public environments subject to medium pedestrain traffic such as: Restaurants, Cafés, Offices, Shops, Libraries, Convention rooms, Hotel corridors. Outdoor public environments subject to medium pedestrain traffic such as: Outdoor stairs, Terraces, Private gardens.	Tiles with styling and sizes suitable for both floors and walls.	The least amount of shade and texture variation. Attainable in naturally fired clay products.	Light to moderate shade and texture variation with each carton.	High shade texture variation with each carton.	Very high shade and texture variation within each carton.

SYSTEM CERTIFICATION



SCG CERAMICS CO. LTD.
1 Siam Cement Road. – 10800 Bangkok – Bangsue
Thailand

13
COTTO 001

EN 14411:2012

Dry-pressed ceramic tiles, with water absorption
 $E_w \leq 0,5\%$, for internal and external walls and floorings



放射性水平 A 类

Certification mandatory for export to China



The certification institute is Technischer Verein (TÜV),
chosen for its stringent standards and international recognition.

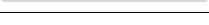
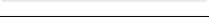
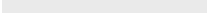
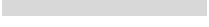


To underline our care for the environment and
our pledge to protect it in accordance with the ISO 14021
standards (Environment labels and declarations), Florim
affirms its commitment to continual technological
innovation of the industrial processes.



Florim has voluntarily become a member
of the U.S. Green Building Council (USGBC), the most
important American association dedicated to environmentally
sustainable building design and construction according
to precise directives, which must be followed in order to obtain
LEED (Leadership in Energy and Environmental Design)
certification, a rating system that measures the sustainability
of a project. Using Florim products contributes to getting
points to achieve LEED certification.

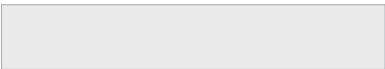
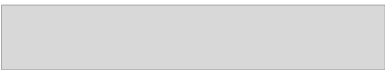
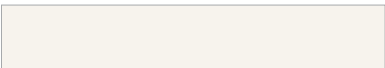
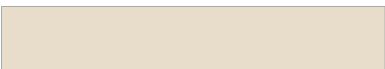
COTTO TILE GROUT (ACID RESISTANCE)

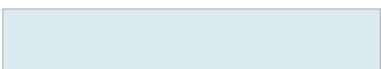
	TILE COLLECTON	NAME	TILE GROUT	
STONE	BALZA	CHALK	GREY เท	
	BALZA	ASH	SILVER GREY เทาเงิน	
	BALZA	CARBON	BLACK ดำ	
	NEO BASALT	BIANCO	IVORY ใ้คอรี	
	PIETRA	LAVICA GRAPHITE	SILVER GREY เทาเงิน	
	PIETRA	LAVICA SILVER	GREY เทา	
	AIRTECH	MIAMI WHITE	LIGHT GREY	
	AIRTECH	BASEL GREY	GREY เทา	
	AIRTECH	LONDON BLACK	BLACK ดำ	
	WALKS/	WHITE	IVORY ใ้คอรี	
	WALKS/	BEIGE	BEIGE เบท	
	WALKS/	GREY	GREY เทา	
	WALKS/	BLACK	GRANITE เทาแกรนิต	
	ARDOISE	NOIR	GRANITE เทาแกรนิต	
	ARDOISE	GRIS	GREY เทา	
	ARDOISE	PLOMB	GREY เทา	
	ARDOISE	IVOIRE	BONE โ้บน	
	FLAGSTONE2.0	WHITE	LIGHT GREY เทาอ่อน	
	FLAGSTONE2.0	GREY	GREY เทา	
	FLAGSTONE2.0	BLACK	BLACK ดำ	
	ONYX & MORE	WHITE PORPHYRY	LIGHT GREY เทาอ่อน	
	ONYX & MORE	SILVER PORPHYRY	GREY เทา	
MODERN	CEMENTUM	GRIGIO	GREY เทา	
	CEMENTUM	TAUPE	GREY เทา	
	CEMENTUM	PLOMB	GREY CEMENT เทาซีเมนต์	
	BUILDTECH/	WHITE	IVORY ใ้คอรี	
	BUILDTECH/	BONE	BONE โ้บน	
	BUILDTECH/	MUD	SEPIA ซีบีย	
	BUILDTECH/	COAL	GRANITE เทาแกรนิต	
	INDUSTRIAL	IVORY	IVORY ใ้คอรี	
	INDUSTRIAL	STEEL	GREY เทา	
	INDUSTRIAL	PLOMB	GRANITE เทาแกรนิต	
	INDUSTRIAL	SAGE	GRANITE เทาแกรนิต	

TILE GROUT

COTTO TILE GROUT (ACID RESISTANCE) กาวยาแนว คอตโต้ สูตรอัลตรา พลาสเตอร์

- HIGH ACID RESISTANCE AND FUNGI PREVENTION
- ULTRA PLASTER FORMULA
- SUITABLE FOR BATHROOM, KITCHEN, AND LIVING ROOM

WHITE (ขาว)	
LIGHT GREY (เทาอ่อน)	
GREY (เทา)	
GREY CEMENT (เทาซีเมนต์)	
SILVER GREY (เทาเงิน)	
GRANITE (เทาแกรนิต)	
BLACK (ดำ)	
IVORY (ไอวอรี่)	
BONE (โบน)	
BEIGE (เบจ)	
EARTH BROWN (น้ำตาลอิฐ)	
GOLDEN BROWN (น้ำตาลทอง)	

MALT (มอลต์)	
SEPIA (ซีเปีย)	
SMOKE (สโมค)	
CLASSIC OAK (คลาสสิก โอ๊ค)	
PINK (ชมพู)	
RUBY PINK (ชมพูทับทิม)	
TEERACOTTA (เทอรากอตต้า)	
BRICK (แดงอิฐ)	
PASTEL BLUE (ฟ้าอ่อน)	
SKY (สกายฟ้า)	
CLASSIC BLUE (คลาสสิกฟ้า)	
NAVY BLUE (ฟ้ากรมท่า)	
NEO MINT (เขียวม้น)	
GREEN (เขียว)	
DRARK JADE (เขียวหยก)	
DRARK TURQUOISE (เทอร์ควอยซ์)	
MUSTARD(เหลืองมัสตาร์ด)	



COTTO TILE ADHESIVE (GREEN)

กาซีเมนต์ คอตโต้ สำหรับ กระเบื้องดูดซึมน้ำต่ำ

- For low water absorbing tiles (Porcelain, Granito)
- Tile smaller than 60×60 cm.
- Interior and exterior bathroom, kitchen, living room, balcony

Qualification

- Sticky, high bonding strength
- Low water absorption, preventing moist from going through the adhesive and preventing tiles from peeling off Europe Standard EN 1348



COTTO TILE ADHESIVE (GREY)

กาซีเมนต์ คอตโต้ สำหรับ กระเบื้องแกรนิต กระเบื้องแผ่นใหญ่

- For low water absorbing tiles (Porcelain, Granito)
- Tile larger than 60×60 cm to 60×120 cm.
- Interior, exterior and swimming pool

Qualification

- Sticky, high bonding strength
- Low water absorption, preventing moist from going through the adhesive and preventing tiles from peeling off Europe Standard EN 1348



COTTO FLEX TILE ADHESIVE (GOLD)

กาซีเมนต์ ชนิดยืดหยุ่น คอตโต้ เฟล็กซ์

- For Tiling onto existing tiles and vibrating area
- All types and sizes of tiles
- Tiling onto plywood and Smart board

Qualification

- Made from Nano plaster
- Fine powder, increasing bonding area
- Preventing tiles from peeling off
Highest bonding strength Europe Standard EN 1348

CONTACT

—
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SCG Experience @ Crystal Design Center

—
1420/1 Praditmanutham Rd, Klongjan,
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COTTO Life, Khon Kaen

—
VOA Space, 185 Maliwan Rd,
Tambon Nai Mueang, Amphoe
Mueang, Khon Kaen 40000

COTTO Life, Chiangmai

—
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Tambon Hai Ya, Amphoe Mueang,
Chiang Mai, 50100

COTTO

WWW.COTTO.COM

