

CONCRETE

罗马水泥

60X120CM / 24"X48"



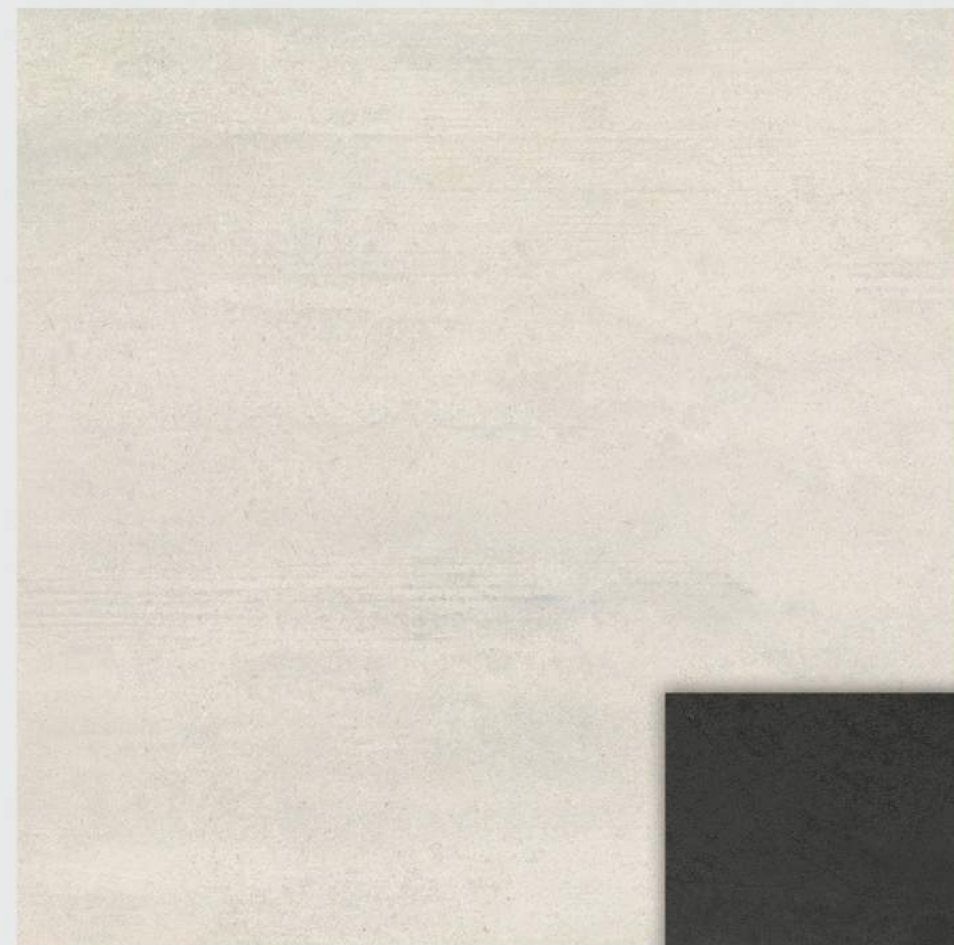
80X80CM / 32"X32"



60X60CM / 24"X24"



30X60CM / 12"X24"



BEIGE 杏色



NERO 黑色

CONCRETE

罗马水泥

DARK GREY 深灰



ORIGINAL GREY 浅灰



WALL / ORIGINAL GREY 浅灰 / BB126C13 / 60X120CM / 24"X48"

FLOOR / DARK GREY 深灰 / BB80C14 / 80X80CM / 36"X36"



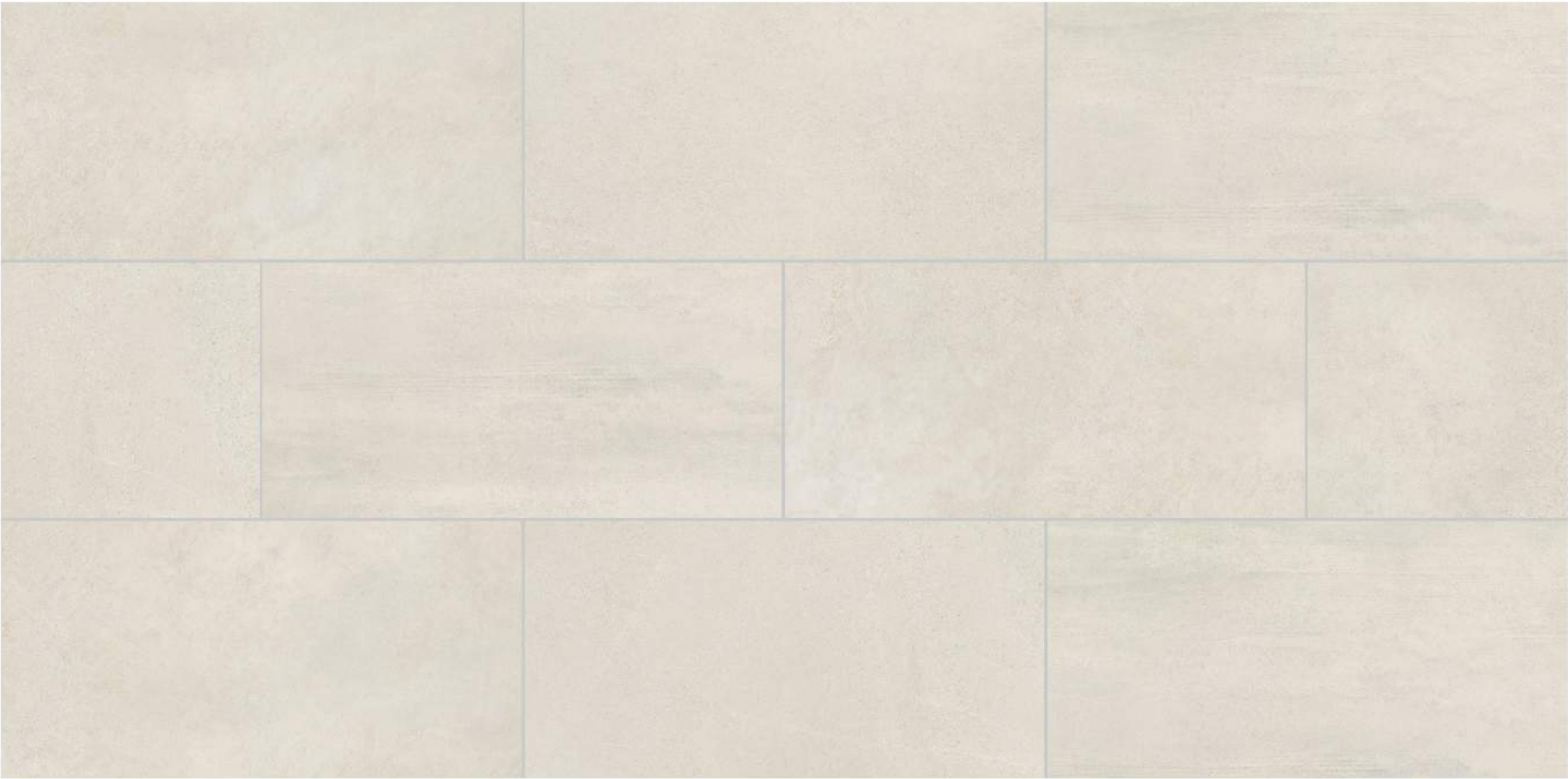
FLOOR / BEIGE 杏色 / BB126C12 / 60X120CM / 24"X48"



WALL / BEIGE 杏色 / BB36C12 / 30X60CM / 12"X24"
FLOOR / DARK GREY 深灰 / BB60C13 / 60X60CM / 24"X24"

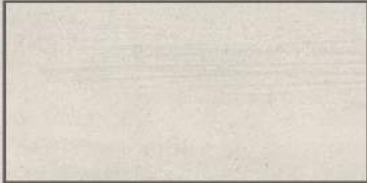


BEIGE
杏色



SIZE 尺寸

NATURALE / 自然面

			
BB80C12 80x80 / 24"x24"	BB126C12 60x120 / 24"x48"	BB60C12 60x60 / 24"x24"	BB36C12 30x60 / 12"x24"

ORIGINAL GREY
浅灰



SIZE 尺寸

NATURALE / 自然面

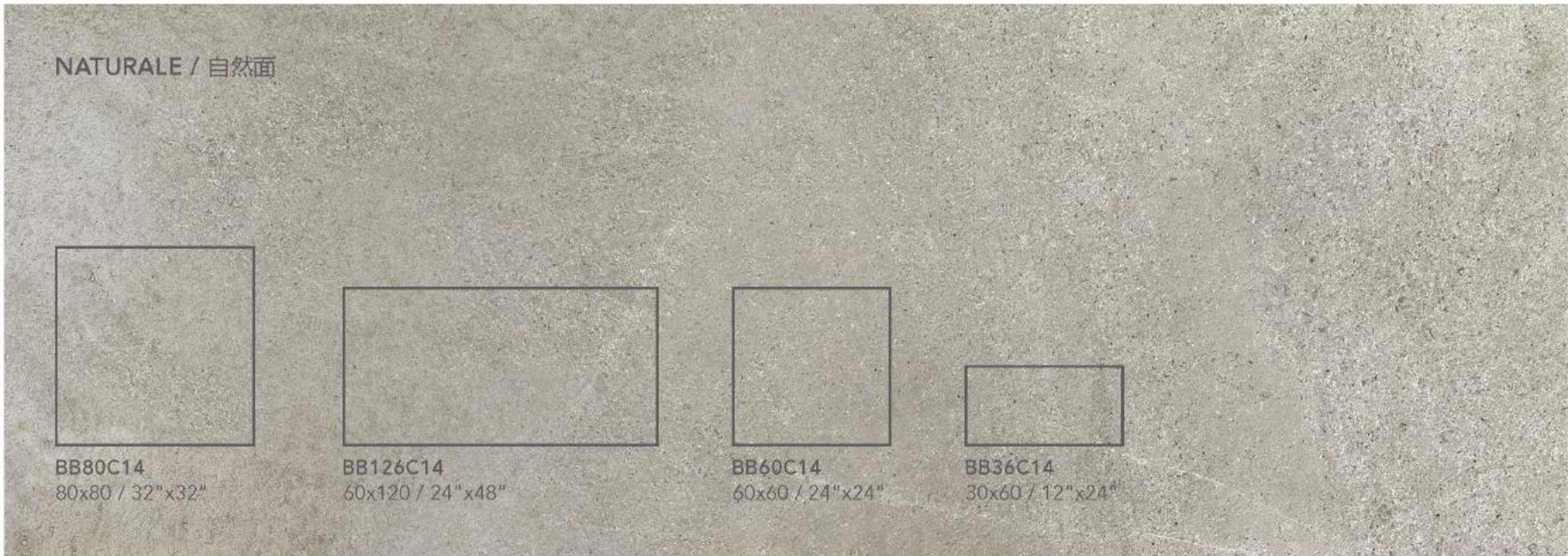
			
BB80C13 80x80 / 32"x32"	BB126C13 60x120 / 24"x48"	BB60C13 60x60 / 24"x24"	BB36C13 30x60 / 12"x24"

DARK GREY

深灰



SIZE 尺寸



NERO

黑色



SIZE 尺寸



CITY LINE

都市水泥



WALL / SAND灰白 / BB60F11 / BB60F11DM / 60X60CM / 24"X24"
FLOOR / SAND灰白 / BB60F11 / BB60F11DM / 60X60CM / 24"X24"

80X80CM / 32"X32"



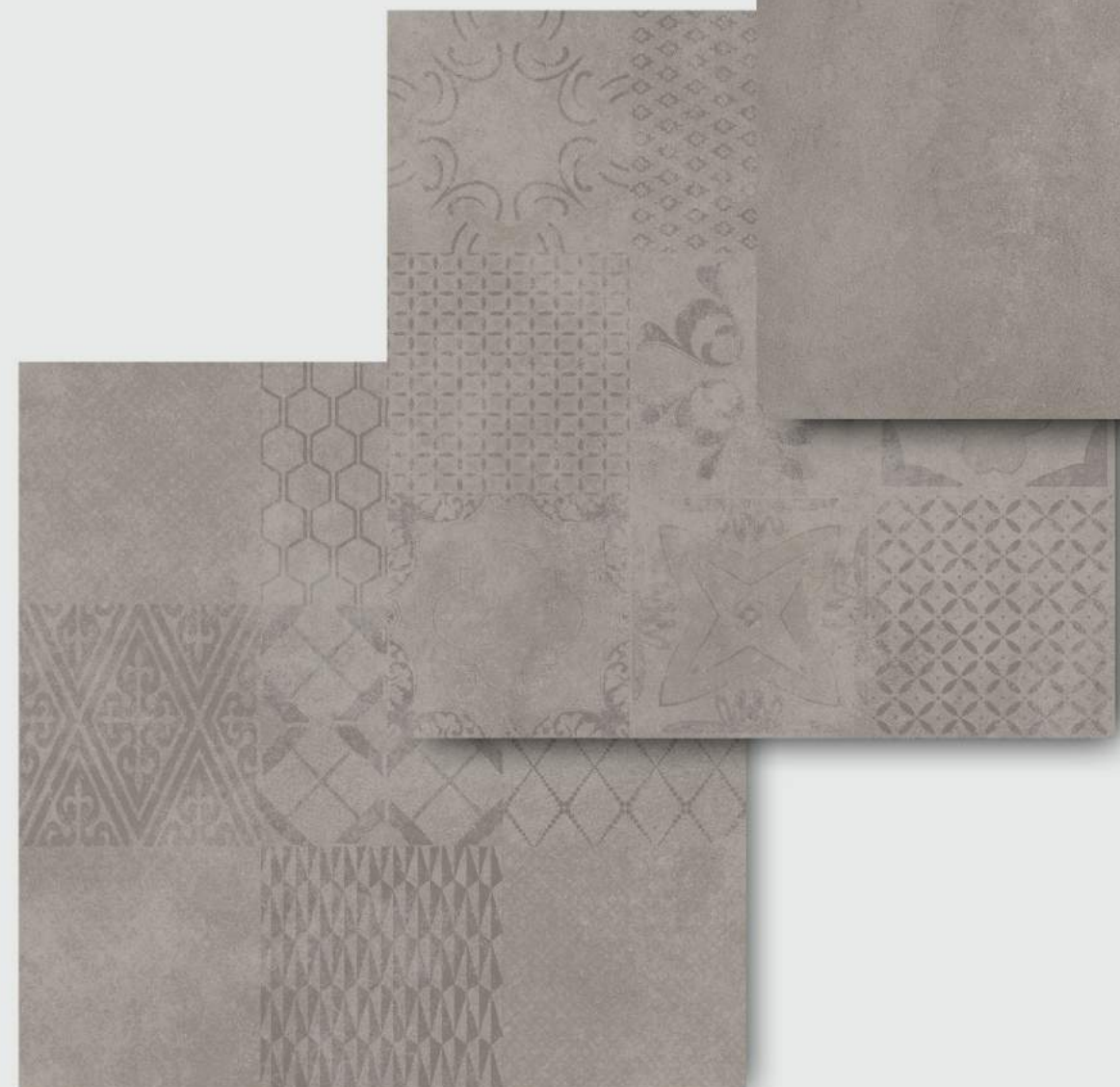
60X60CM / 24"X24"



SAND 灰白



GREY 深灰







FLOOR / GREY 深灰 / BB60F13 / BB60F13DM / 60X60CM / 24"X24"



FLOOR / SAND 灰白 / BB60F11DM / 60X60CM / 24"X24"



WALL / GREY 深灰 / BB60F13DM / 60X60CM / 24"X24"
FLOOR / GREY 深灰 / BB60F13 / 60X60CM / 24"X24"

SAND
灰白



SIZE 尺寸

NATURALE / 自然面

BB80F11
80x80 / 32"x32"

BB60F11
60x60 / 24"x24"

BB60F11DM
60x60 / 24"x24"

GREY
深灰



SIZE 尺寸

NATURALE / 自然面

BB80F13
80x80 / 32"x32"

BB60F13
60x60 / 24"x24"

BB60F13DM
60x60 / 24"x24"

MODERN LINE

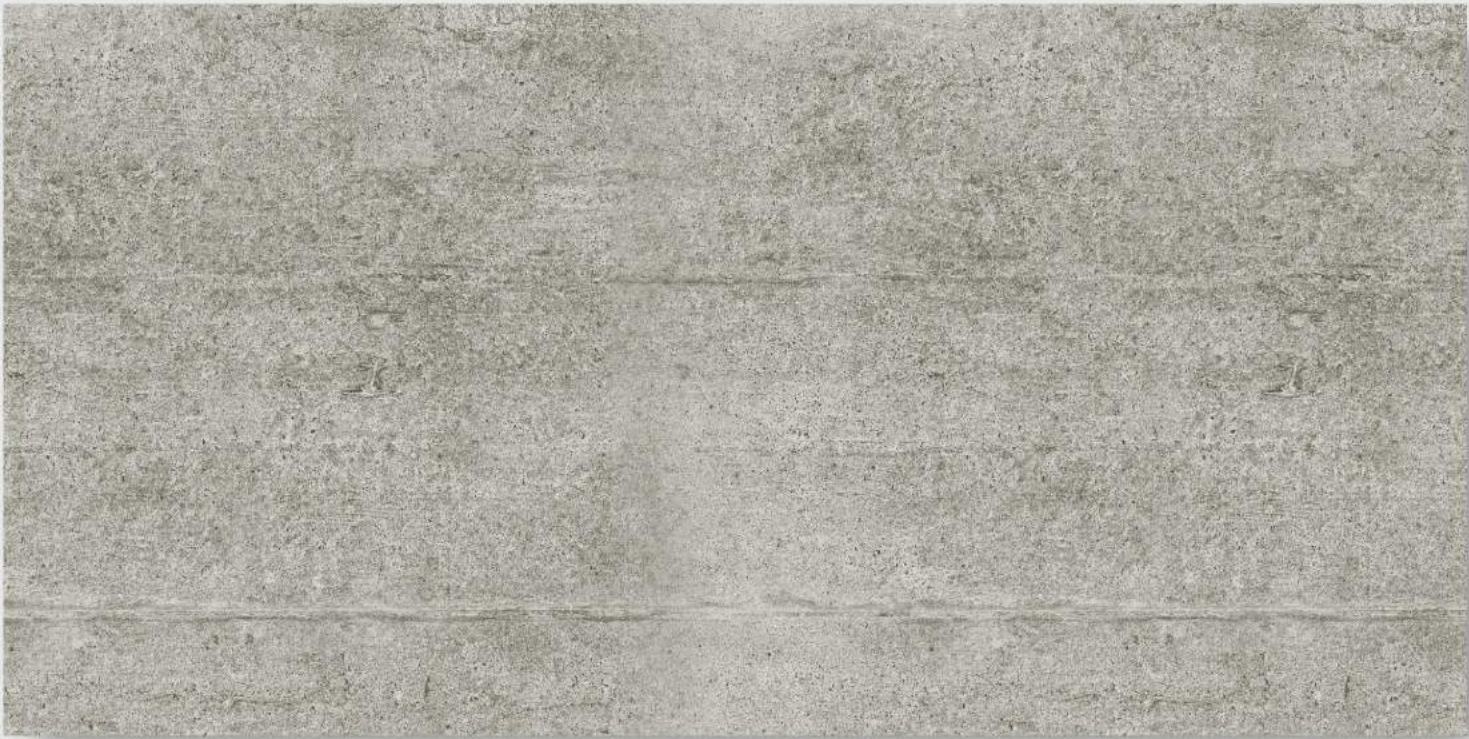
现代水泥

FLOOR / GREIGE 米杏 / BB60G12 / 60X60CM / 24"X24"

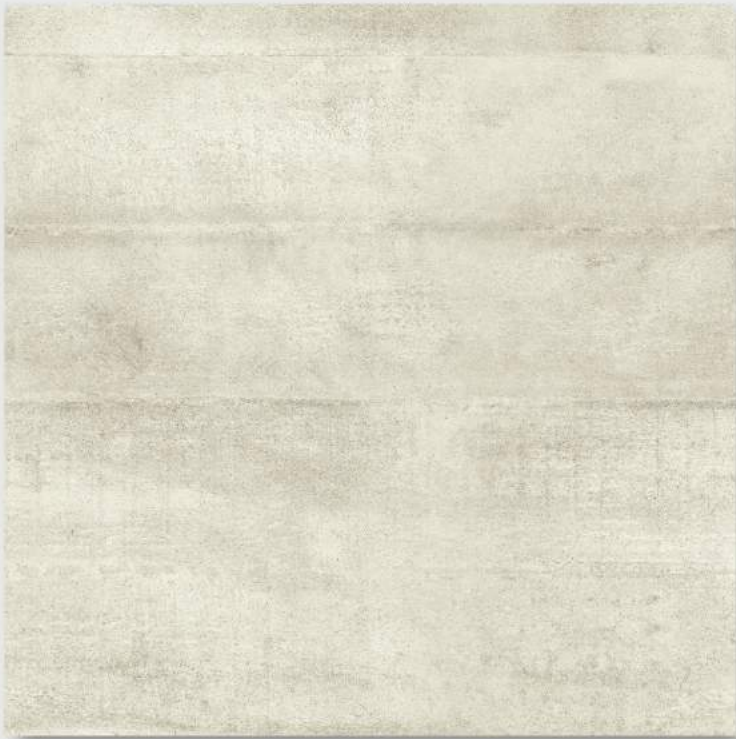
60X120CM / 24"X48"



60X60CM / 24"X24"



ORIGIALE 灰色



GREIGE 米杏



FLOOR / GREIGE 米杏 / BB60G12 / 60X60CM / 24"X24"



FLOOR / GREIGE 米杏 / BB126G12 / 60X120CM / 24"X48"



WALL / ORIGINALE 灰色 / BB126G13 / 60X120CM / 24"X48"
FLOOR / ORIGINALE 灰色 / BB60G13 / 60X60CM / 24"X24"



FLOOR / ORIGINALE 灰色 / BB60G13 / 60X60CM / 24"X24"

GREIGE
米杏



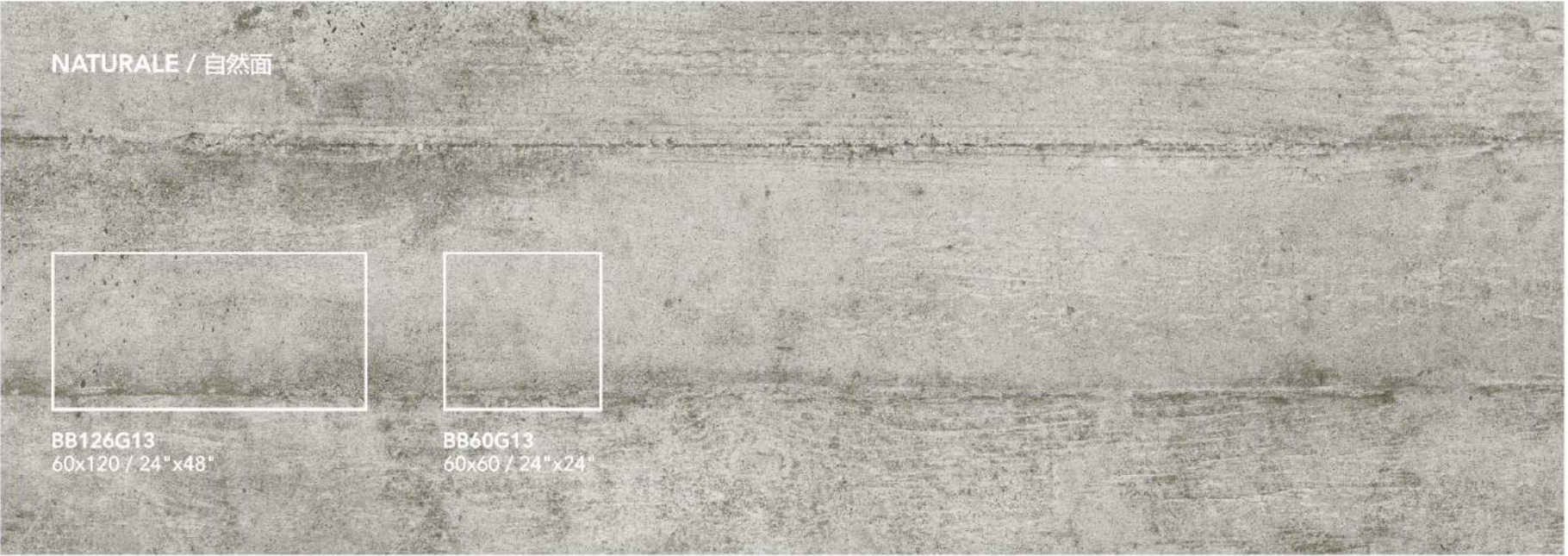
SIZE 尺寸



ORIGNALE
灰色



SIZE 尺寸



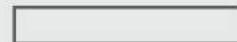
ALSACE WOOD

阿尔萨斯木



FLOOR / GREY 灰色 / BW122M13 / 20X120CM / 8"X48"

20x120CM / 8"x48"



ALSACE
WOOD
阿尔萨斯木

WHITE 白色



IVORY 杏色



GREY 灰色



BROWN 棕红





FLOOR / IVORY 杏色 / BW122M12 / 20X120CM / 8"X48"





FLOOR / GREY 灰色 / BW122M13 / 20X120CM / 8"X48"

WHITE
白色



SIZE 尺寸



IVORY
杏色



SIZE 尺寸



GREY
灰色



SIZE 尺寸



BROWN
棕红



SIZE 尺寸



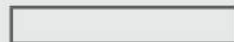
LEGNO

风化木



FLOOR / GREY 灰色 / BW122F13 / 20X120CM / 8"X48"

20x120CM / 8"x48"



LEGNO
风化木

GREY 灰色



BROWN 深啡





FLOOR / GREY 灰色 / BW122F13 / 20X120CM / 8"X48"



FLOOR / BROWN 深啡 / BW122F19 / 20X120CM / 8"X48"



FLOOR / BROWN 深啡 / BW122F19 / 20X120CM / 8"X48"

GREY
灰色



SIZE 尺寸



BROWN
深啡



SIZE 尺寸



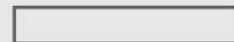
NATIONAL WOOD

意大利橡木



WALL / GREY 灰色 / BW122L13 / 20X120CM / 8"X48"
FLOOR / MARRON 褐色 / BW122L19 / 20X120CM / 8"X48"

20x120CM / 8"x48"



NATIONAL
WOOD
意大利橡木

BEIGE 杏色



GREY 灰色



MARRON 褐色





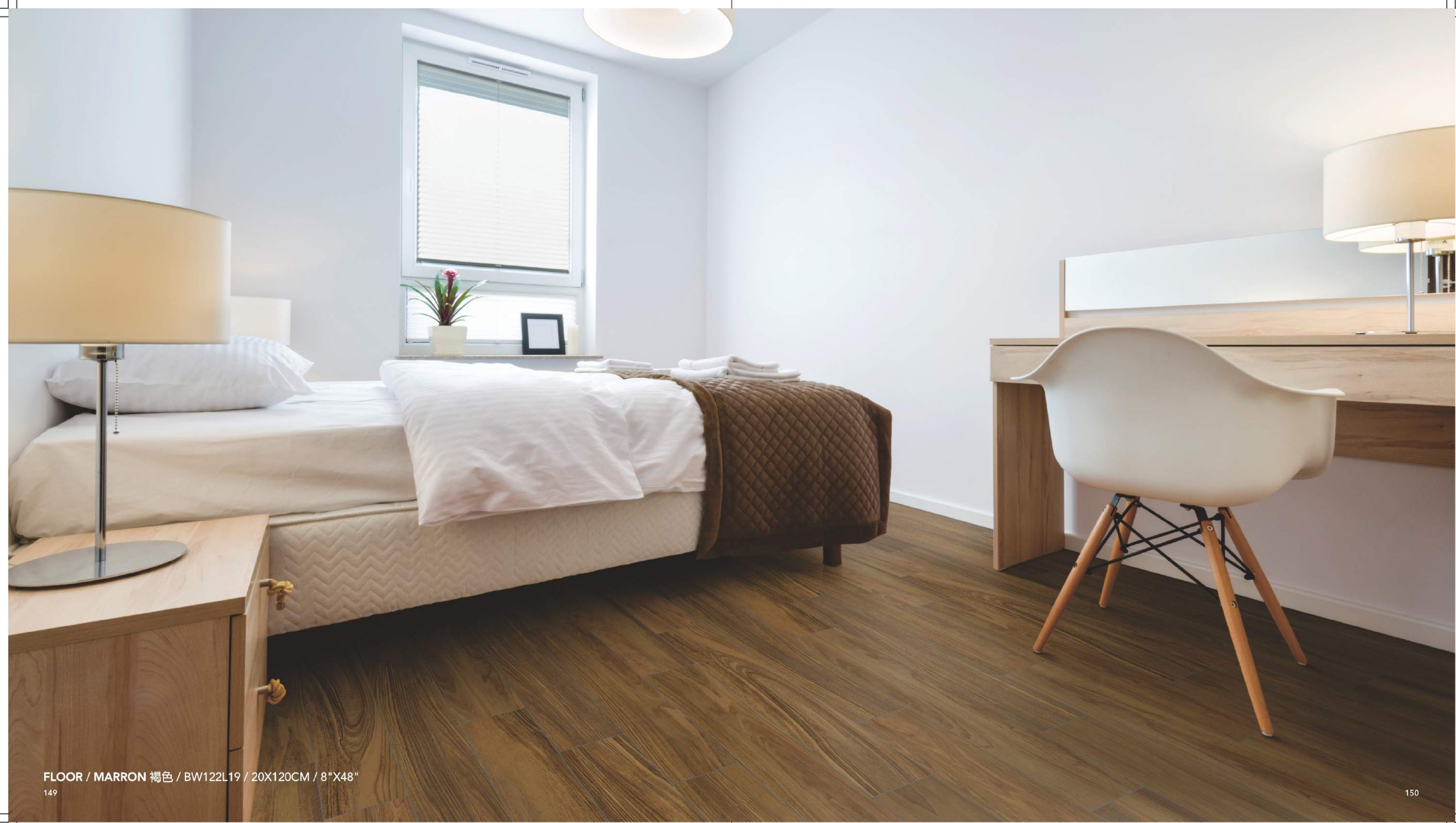
FLOOR / BEIGE 杏色 / BW122L12 / 20X120CM / 8"X48"



FLOOR / GREY 灰色 / BW122L13 / 20X120CM / 8"X48"



FLOOR / GREY灰色 / BW122L13 / 20X120CM / 8"X48"



FLOOR / MARRON 褐色 / BW122L19 / 20X120CM / 8"X48"

BEIGE
杏色



SIZE 尺寸



GREY
灰色

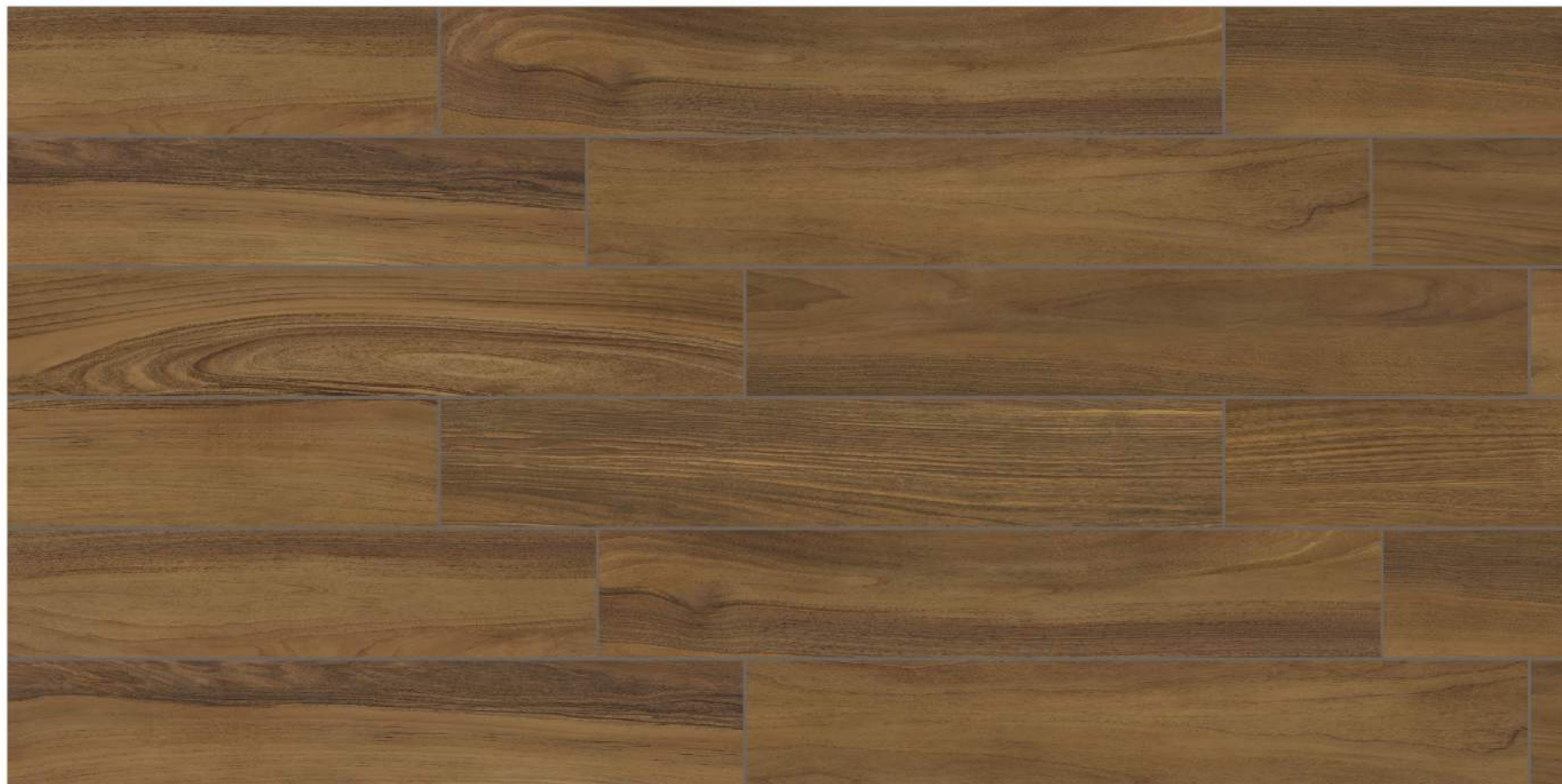


SIZE 尺寸



MARRON

褐色



SIZE 尺寸



FLOOR / MARRON 褐色 / BW122L19 / 20X120CM / 8"X48"

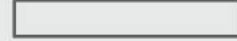
HOME TEAK

古堡柚木



FLOOR / MIX 混色 / 20X120CM / 8"X48"

20x120CM / 8"x48"



HOME
TEAK
古堡柚木

IVORY 米白



BEIGE 杏色



GOLDEN 金色



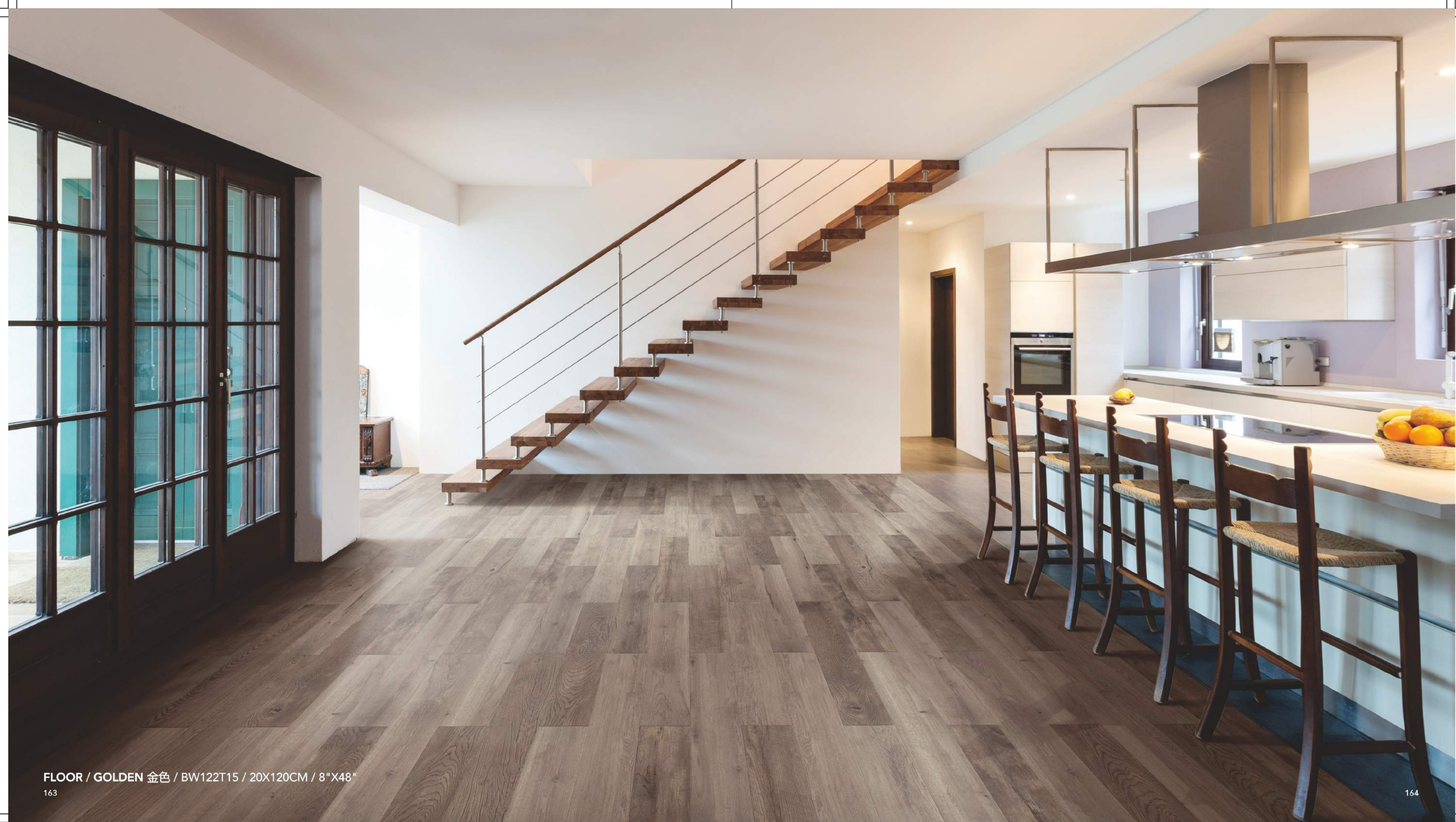


WALL / IVORY 米白 / BW122T10 / 20X120CM / 8"X48"

FLOOR / MIX 混色 / 20X120CM / 8"X48"



FLOOR / BEIGE 杏色 / BW122T12 / 20X120CM / 8"X48"



FLOOR / GOLDEN 金色 / BW122T15 / 20X120CM / 8"X48"



FLOOR / GOLDEN 金色 / BW122T15 / 20X120CM / 8"X48"

IVORY

米白



SIZE 尺寸



BEIGE

杏色



SIZE 尺寸



GOLDEN
金色



SIZE 尺寸



NATURALE / 自然面

BW122T15
20x120 / 8"x48"



WALL / MIX 混色 / 20X120CM / 8"X48"

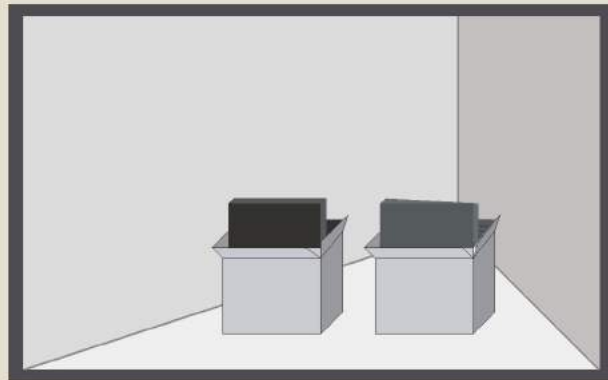
FLOOR / BEIGE 杏色 / BW122T12 / 20X120CM / 8"X48"

10 IMPORTANT STEPS FOR LAYING

牢记10个特别重要环节

Correct ways of laying is vital to insure solidity, flatness and esthetical appearance for ceramic tile application, and below are the most important 10 steps to follow.

用正确的方法铺贴，会使瓷砖更牢固、更平整和更具表现力，下面的十个环节是特别重要的：

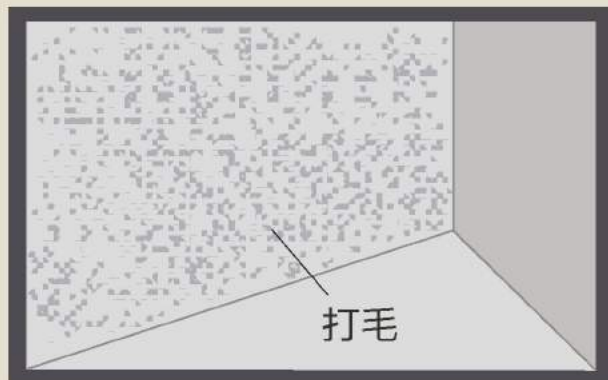


CHECKING BEFORE LAYING

铺前检查

Tiles of same item in different shades or working sizes cannot be laid on same working surface.

在铺贴同一编号产品的时候，不可将不同色号或不同工作尺寸的瓷砖铺贴在同一工作面上。

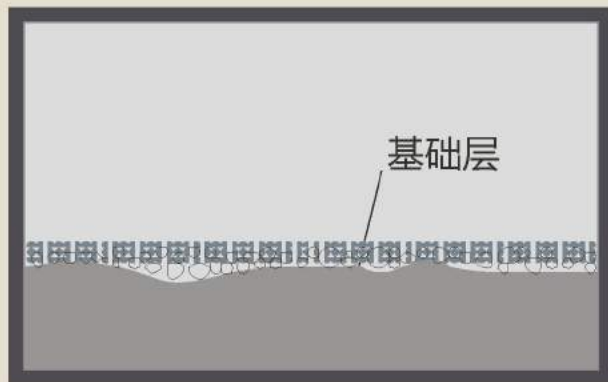


ROUGHEN THE BASE

基础打毛

For any wall or floor bases with glossy cement surface or coating, it must be roughened in advance, to avoid tiles dropping out after laying.

经过水泥压光或表面有涂层的基础面，必须经过打毛处理，否则可能导致瓷砖粘贴不牢，以至后期脱落。

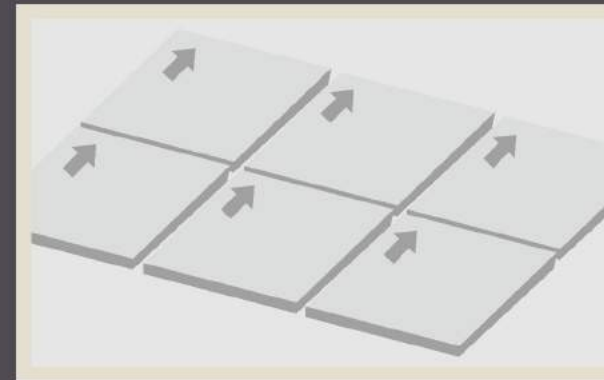


FLATTEN THE BASE

基础找平

Tiles laying on irregular surface will cause dislocation.

在凹凸不平的基础面上直接铺贴，将导致砖缝错位及砖面不平直。

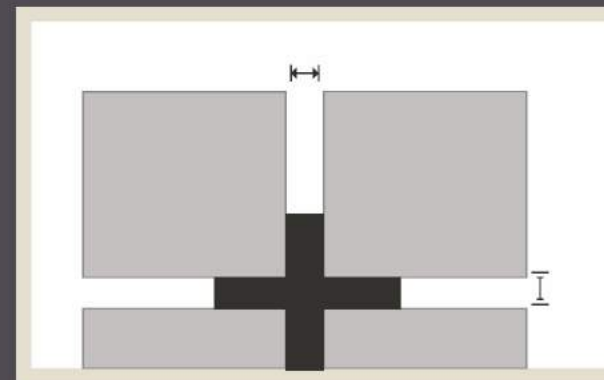


FIX THE DIRECTION

铺贴方向

Lay the tiles according to the arrow on the back.

根据产品背面的箭头方向进行铺贴。

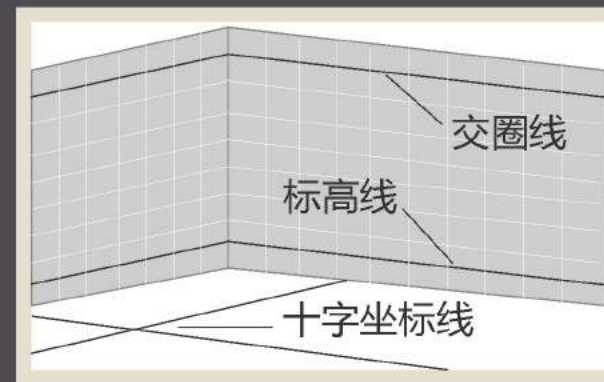


LEAVE A JOINT

留缝铺贴

For all Daugres tile, it's vital to leave a joint between each tile in order to insure that it'll not bump up or even crack after going through extreme alternate cooling and heating.

留缝铺贴是体现道格拉斯瓷砖特点的重要组成部分，也是避免因热胀冷缩导致砖面鼓起，甚至胀裂的重要保证措施。

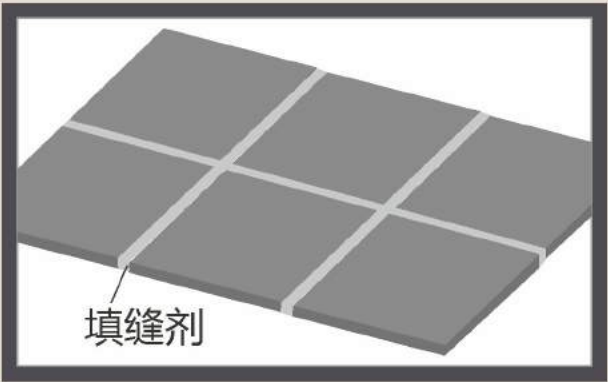


FIX A BASE LINE

定基准线

A base line can insure a flat surface and evenly joints.

只有按基准线挂线施工，才能确保整个铺贴面的平直和砖缝的均匀整齐。



GROUTING

勾缝

Apply correct grout to make the joint well match with color of tiles,to ensure harmonious overall effect as well as protecting the joint from dust or stain.
使用合适及接近瓷砖颜色的填缝剂可使线缝均匀美观、色彩和谐，并避免砖缝掉灰、渗污。

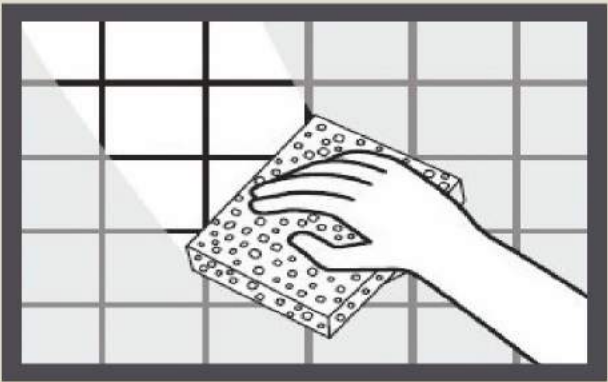


CLEANING

清洗

The grout must be cleaned and finished within 15 minutes while the product is still wet.For initial cleaning,use a moistened cleaning sponge making circular movements to perfectly grout the sides and remove excess grout from the surface.

常温下施工完成的施工面要在15分钟内（填缝剂还未干的状态下）进行第一次清洁。
用沾湿的海绵按用一方向在施工表面大圈，带走多余的填缝剂，直到表面干净。



WIPING

擦拭

After the first cleaning,use a moistened cleaning sponge to wipe diagonally across the joints and repeat cleaning to obtain a smooth,cleaned surface.Each side of the sponge can be used only once.

在第一次清洗完毕后，再用沾湿拧干的干净海绵沿着瓷砖的对角线方向重复擦拭，直到表面完全干净光滑。海绵的每侧表面只能使用一次。



MAINTENANCE

养护

Dustproof actions should be taken during and after grouting.Do not walk on the working surface within 3 days after solidification,to avoid contamination and damage.Also not to cover the grouted surface to avoid non-homogeneity of colors.

施工过程中和完后要注意成品保护,宜采取防尘防污措施，凝固后3天内宜适当的保护、避免踩踏造成污染及损坏，但不宜覆盖，以免造成色差。待填缝剂完全干透后才可上人。

TIPS FOR MAINTENANCE

瓷砖保养方法建议

Use a mop or towel for daily cleaning.
每日用拖布或毛巾对砖面进行日常清洁。

Clean the sand or grit on tile surface to avoid their scratch on glaze.
砂砾容易划伤瓷砖釉面，因此应及时清理砖面的泥砂。

When the tiles are polluted by ink, oil, tea and so on, wipe with soft cloth then wash by water. Detergent and soapy water can be used if it necessary.
瓷砖表面被墨水、油污、茶渍等污染时，应及时用软布擦净，并用清水冲洗，必要时可用洗洁精、肥皂水清洗。

Avoid any harm from heavy hard object, do not drag desk, chair or other furniture on the tiles.
避免重物冲击、硬物刻划砖面，勿在砖面拖拉桌椅、家具等重物。

Wipe the scratch on tile surface by soft cloth with little toothpaste, which helps remove or relieve scratch.
砖面出现轻微划痕时，可在划痕上涂少许牙膏，用柔软干布用力反复擦拭，可去除或减轻划痕。

CLEANING TIPS

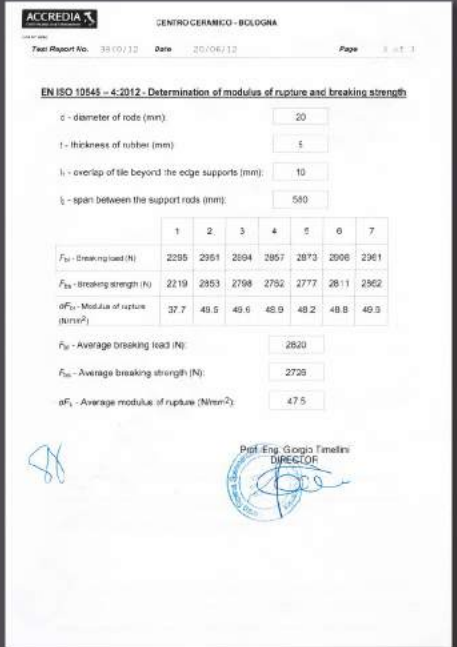
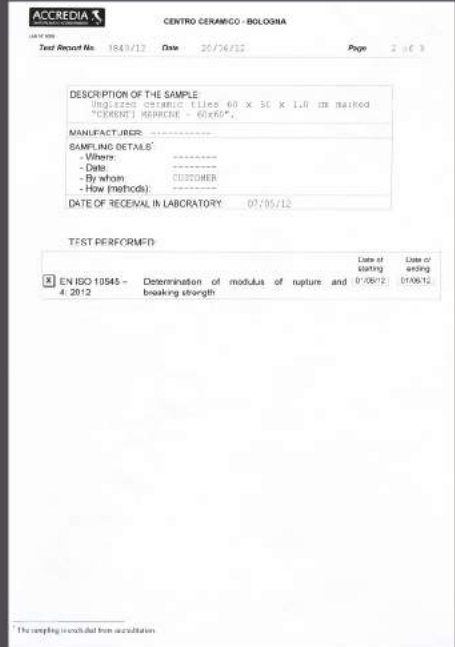
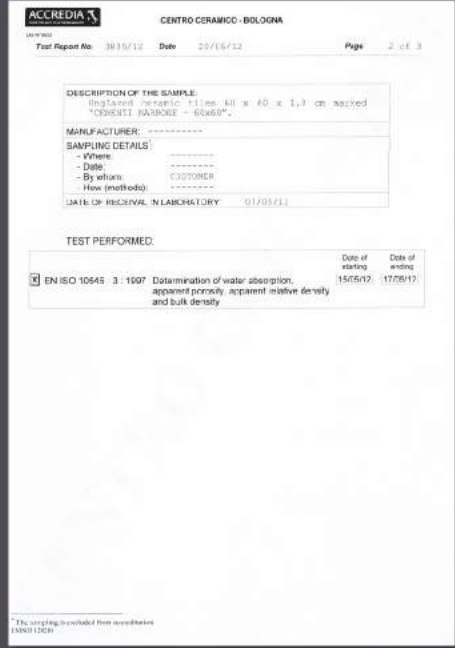
清洁方法建议

staining agent 污垢类型	suggested solution 清洁方法
Mud、Grout 一般泥污、灰浆	clean with mop and water 清水配合家用拖把
Oil 油污	clean with detergent, soapy water or toilet cleaner 洗洁精、肥皂水或洁厕精
Precipitate、Rust 沉淀物、铁锈	clean with dilute sulfuric acid or dilute hydrochloric acid by steel wool 稀硫酸或稀盐酸，配合家用钢丝球轻轻搓擦
Paint、Drawing pen 油漆、绘画笔	cleaned with Turpentine and Acetone 松节油、丙酮
Marker pen 记号笔	cleaned with organic solvent (e.g. Alcohol, Thinners) 有机溶剂如酒精、天那水等
Ink 墨水	cleaned with Oxalic acid 草酸
Light Scratch 浅划痕	scrub with toothpaste and towel 涂抹牙膏配合毛巾搓擦

STONE / CONTEMPORARY / WOOD 石材 / 现代简约 / 木纹

Series	Size	 mm Thickness	 Pcs/Box	 M²/Box	 Kg/Box	 Boxes/PLT	 M²/PLT	 Kg/PLT
LIMESTONE	60x120cm / 24"x48"	11	2	1.44	37.00	44	63.36	1648.00
BASALTINA CONCEPT	30x120cm / 12"x48"	11	3	1.20	27.00	38	45.60	1046.00
FUSION 2.0	20x120cm / 8"x48"	11	5	1.20	30.00	39	46.80	1190.00
MAGMA	80x80cm / 32"x32"	11	3	1.92	48.00	27	51.84	1316.00
URBAN LINE	40x80cm / 16"x32"	11	4	1.28	32.00	36	46.08	1172.00
RUSTY LINE	20x80cm / 8"x32"	11	8	1.28	32.00	/	/	/
CONCRETE	60x60cm / 24"x24"	9.5	4	1.44	31.50	32	46.08	1028.00
CITY LINE	30x60cm / 12"x32"	9.5	5	0.90	19.50	52	46.80	1034.00
MODERN LINE	20x60cm / 8"x32"	9.5	12	1.44	36.00	30	43.20	1100.00
ALSACE WOOD	60x60cm / 24"x24"	9	4	1.44	30.00	40	57.60	1220.00
LEGNO	30x60cm / 12"x32"	9	5	0.90	18.70	52	46.80	992.00
NATIONAL WOOD								
HOME TEAK								

TECHNICAL CHARACTERISTICS 测试项目		TEST METHOD 测试标准	REQUIRED VALUE 达标值	DAUGRES VALUE 道格拉斯标准
DIMENSIONS	 Length and Width 长与宽	EN ISO 10545-2	±0.6%	±0.2%
	 Straightness of sides 边直度	EN ISO 10545-2	±0.5%	±0.2%
	 Rectangularity 直角度	EN ISO 10545-2	±0.6%	±0.2%
	 Warpage 中心翘曲度	EN ISO 10545-2	±0.5%	±0.2%
 Thickness 厚度		EN ISO 10545-2	±5%	±3%
 Water Absorption 吸水率		EN ISO 10545-3	E≤0.5%	E≤0.5%
 Breaking Strength 破坏强度		EN ISO 10545-4	≥1300N	≥1500N
 Thermal Shock Resistance 抗热震性		EN ISO 10545-9	No visible alteration	Resistant
 Frost Resistance 抗冻性		EN ISO 10545-12	No visible alteration	Resistant
 Stain Resistance 防污等级		EN ISO 10545-14	Class 3 Min	Class 5
 Chemicals Resistance 耐化学腐蚀性		EN ISO 10545-13	GB Min	GA
 Modulus of Rupture 断裂模数		EN ISO 10545-4	≥35N/MM2	≥38N/MM2
 Lead and Cadmium given off 铅和镉释放量		EN ISO 10545-15	Resistant	Resistant



CENTRO CERAMICO - BOLOGNA

Test Report N° 3843 / 12 **Date** 23/04/12 **Page** 3 of 3

Slipresistess - D.M. 14306/1989 - n° 236)

PROCEDURE:

- Speed of travel' (mm/s)..... 17
- Load' applied to slider (g)..... 200
- Clean the surface:
 - ☐ Test required "factor"
 - ☒ Performed with: Cleaning agent pH7)

Results:

Slider material	Surface condition	Average coefficient of friction (μ)
Leather	Dry	0.57
Hart shoe-heeling rubber	Wet (water + wetting agents)	0.54

Requirements (D.M. 14306/1989 N°236 par. 8.2.2)

$\mu > 0.40$





Prof. Eng. Giorgio Timolin
-Director-



ACCREDITED

CENTRO CERAMICO - BOLIVIANA

LABOR 001

Test report No.: 4557-12 Date: 24/05/2012

Page: 2 of 2

Description of the sample:	glazed ceramic tiles 50 x 60 cm marked:
"CEMENT" MARBONITE	
Manufacturing:	
Dampening details:	
- Vitrified:	
- Glaze:	
- By enamel:	customer
- Non (stratified):	
Date of receipt in laboratory:	07/05/2012
Date of start up of test activities:	10/05/2012
Date of ending of test activities:	18/05/2012

TESTS PERFORMED BY BOLIVIA PRIMER:

1. EN 12617 and cadmium leaching (EN 151 EN ISO 10943-1:3-2010) *Cadmium index*
(determination of lead and cadmium given off by glazed tiles)

2. DESCRIPTION

Grey colored glazed ceramic tiles

3. SAMPLE PREPARATION

On the back surface is applied a solution of enamel 5 mm wide on each side of width acid
 Pb solution is present

4. DATA

-ACTIVE ACID (Pb VOLUME)

-ENAMELED SURFACE

-LEAKAGE OF LEAD AND CADMIUM IONS

-CADMIUM DETECTION BY WET LACER SOLUTION

(NUMBER OF SAMPLE TESTED)

V	105 ml
S	2.44 mm
PH	0.8 mm
CE	6.00 mm ²
N°	5

5. RESULTS

LEAD LEACHING	0.0	mg/dm ²
CADMIUM LEACHING	0.00	mg/dm ²

Dr. Alejandro Torguila
 (Dr.) D.N. Ondarro (Chemist & Pedagogue)

Signature
Handwritten signature

Prof. Eng. Giorgio Tinelli
 Director

 CENTRO CERAMICO DIFFUSIONE AZIENDA PER L'INDUSTRIA CERAMICA	 UNI-EN 1088 Registro n. 147 del 14/01/2007 Settore 03 - Ceramica e Refrattari	Bologna, 20/06/12
Via Biondi, 20 - 40138 Bologna Tel. 051-2340011 - fax 051-2340012		
CERTIFICAZIONE CERTIFICATO DI CONFORMITA'		
Via Vico Sesto, 1 - 41042 Sassuolo Tel. e fax 0522-820000		
P.IVA 01308877575		
TEST LABORATORY		
TEST REPORT NO. 3847/12		
concerning ceramic tiles according to EN 14411:2006		
Requested by:	Zhongshan Jingnan Ceramic Co., Ltd. 2/F, Blue Diamond Ceramics, No. 36, Dongshan Kun Road, East District, Zhusongshan PK China	
On (date)	12/04/12	
For the sample marked	"Ceramic tiles"	
The results reported relate only to the samples tested.		
No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision.		
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This test report consists of 7 pages this cover included.		

		CENTRO CERAMCO - BOLOGNA	
JOB # 0000 Test Report No. 3847/12	Date 20/04/12	Page 2 of 3	
DESCRIPTION OF THE SAMPLE: PROBABILE CUBO DI 13,2cm 6/8 x 30 x 1,0 cm. recettore "JANUSCONE BLUE - 60x60".			
MANUFACTURER:			
SAMPLING DETAILS:			
- Where			
- Date			
- By whom			
- How (method)			
DATE OF RECEIVAL IN LABORATORY		07/05/12	
TEST PERFORMED:			
☒ EN ISO 13545 Determination of first resistance - 12: 997		Date of testing 19/05/12	Date of writing 11/06/12

		CENTRO CEFIMACO - I.R.D. ROMA	
ISO 9001	Test Report No.	2041/12	Date
		20/06/12	Page
		3	di 3
EN ISO 1545 - 12:1997 Determination of frost resistance.			
Number of tiles in the test sample:		10	
Water content before the freeze-thaw test:		0.09	
Water content after the freeze-thaw test:		0.19	
Description of defects before the test:			
Damages on the glaze or proper surface and the edges of tiles after the freeze-thaw test:			
Number of damaged tiles after 100 cycles from -5° C to +5° C:		9	

 CENTRO CERAMICO INFORMATIONAL FERIA INDUSTRIA LABORATORIO ACCREDITATO SIDA Tel. (051) 504515 - Fax (051) 0508	 ACCREDITA UNI EN ISO 17025 Tel. 02 57 47 340 Acciaio Impianti Agrigento	Bologna, 24/05/2012
CERTIFICATO LABORATORIO CERAMICA Via Varesi (C/200) 40139 Bologna (BO) Tel. 051 495110 E02 E04 Fax: 051 495007/504515	Spett.le: ZERONIS CERAMICS CERAMICHE C.A. P.A. 257, Blue Diamond Constitutions, No. 36, Dongyuan Van Road, East District, Zhangzhou P.R. CHINA	
CHEMICAL LABORATORY TEST REPORT N° 4667/12 on glazed ceramic tiles		
Requested by:	ZERONIS CERAMICS CERAMICHE C.A., Ltd. 257, Blue Diamond Constitutions, No. 36, Dongyuan Van Road, East District, Zhangzhou P.R. CHINA	
On (date):	01/05/2012	
For the samples marked:	"SANDONITONE BLUE"	
The results reported refer only to the samples tested. No responsibility is taken for the accuracy of the sampling unless it is done under our supervision. The reproduction of this test report is only authorized in the form of a complete photographic facsimile. Centro Ceramico approval is necessary for any partial reproduction. This test report consist of 2 pages this cover included		
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CELEBRATE EUROPEAN NETWORK OF NATIONAL CERAMIC LABORATORIES - ITALIAN REMINDER		

ACCREDITED

CENTRO CERAMICO BOLDONA

01-01-2016

Test report n° 466/12

Date 24/05/2012

Page 2 of 2

Description of the sample: glazed ceramic floor tiles (60x60cmx10mm)

"SAMOSTONE BOE"

Manufacturer :

Sampling details :

- Where : /
- Date : /
- By whom : customer
- How (method) : /

Date of receiving in laboratory : 07/06/2012

Date of start up of test activities : 16/05/2012

Date of ending of test activities : 16/05/2012

1. TESTS PERFORMED AT BOLDONA PERIMETRO

X Leak and Cathion leaching (EN ISO 10458-1:2000 Ceramic tiles subjected to hot acid solution gives off by glass (leak)

2. DESCRIPTION

Repe internal placed ceramic tiles

3. SAMPLE PREPARATION

Each tile surface is exposed to a solution of standard chemical reagents in distilled water of 100 ml and 100 ml of water in a glass jar.

4. DATA

- CATHION LEAK (% NaOH) :

ACIDIMETRIC LEAK :

ACIDIMETRIC LEAK AND LEAK SOLUTION :

- CATHION LEAK IN THE LEAK SOLUTION :

NUMBER OF SAMPLES : 10

N°	210 ml
N°	5.10 ml
N°	0.1 ml
N°	0.01 ml
N°	8

5. RESULTS

LEAKS LEACHED :

0.0 mg/m²

ACIDIMETRIC LEAK :

0.00 mg/m²

Dr. Alessandro Longo

01/10/2016 Centro del Ceramico di Bologna

Alessandro Longo

Prof. Ing. Ugo Longoni

Director

Ugo Longoni