

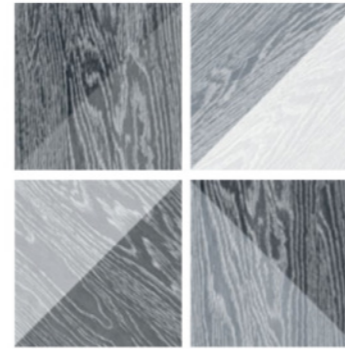
**MIR**<sup>®</sup>  
porcelain  
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**URBANA**





URBANA WOOD BLACK  
Code: URB-BLK  
Size: 6.5x6.5"



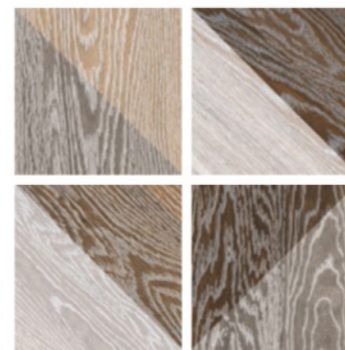
URBANA BRICK BLANCO  
Code: URB-BR-BLN  
Size: 4.3x13"



URBANA WOOD BLUE  
Code: URB-BLU  
Size: 6.5x6.5"



URBANA BRICK GRIS  
Code: URB-BR-GR  
Size: 4.3x13"



URBANA WOOD  
Code: URB-WD  
Size: 6.5x6.5"



URBANA BRICK NATURAL  
Code: URB-BR-NAT  
Size: 4.3x13"









### CHARACTERISTICS PORCELAIN (Group Bla)

DATE: 16/02/2018

<b>MODEL:</b> URBANA WOOD NATURAL / BLACK / BLUE SIZE 16,5X16,5				<b>SERIE:</b> URBANA <b>CODE:</b> 200000000000013550			
<b>1.-CLASIFICACION (UNE-EN 14411).</b> Dry Pressed Ceramics Tiles with low water absorption - Group Bla, E ≤ 0,5% for internal and external floors and walls.							
<b>2.-SPECIFICATIONS (UNE-EN 14.411 - ISO13.006)</b>							
REQUIREMENTS	STANDARD APPLIED	REQUERIMENTS STANDARD	TEST RESULTS	REQUIREMENTS	STANDARD APPLIED	REQUERIMENTS STANDARD	TEST RESULTS
Dimensions and Surface Quality	ISO 10545-2	---	PASS	Dimensions and Surface Quality	ISO 10545-2	---	PASS
Water Absorption	ISO 10545-3	E ≤ 0,5 %	PASS	Water Absorption	ISO 10545-3	E ≤ 0,5 %	PASS
Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	PASS	Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	PASS
MOHS	EN 101	(*)	6	MOHS	EN 101	(*)	7
Crazing Resistance	ISO 10545-11	(*)	PASS	Crazing Resistance	ISO 10545-11	(*)	PASS
Resistance to chemicals				Resistance to chemicals			
- Household chemicals: Ammonium chloride solution 100 g/l		Min B	GA	- Household chemicals: Ammonium chloride solution 100 g/l		Min B	GA
- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		Min B	GA	- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		Min B	GA
- Acids and alkalis:				- Acids and alkalis:			
Low concentrations: Hydrochloric acid solution (3%)	ISO 10545-13	(*)	GLA	Low concentrations: Hydrochloric acid solution (3%)	ISO 10545-13	(*)	GLA
Citric acid solution 100 g/l		(*)	GLA	Citric acid solution 100 g/l		(*)	GLA
Potassium hydroxide 30 g/l		(*)	GLA	Potassium hydroxide 30 g/l		(*)	GLA
High concentrations: Hydrochloric acid solution (18%)		(*)	GHA	High concentrations: Hydrochloric acid solution (18%)		(*)	GHA
Lactic acid solution (5%)	(*)	GHA	Lactic acid solution (5%)	(*)	GHA		
Potassium hydroxide 100 g/l	(*)	GHA	Potassium hydroxide 100 g/l	(*)	GHA		
Resistance to staining:				Resistance to staining:			
Cr2O3/FE2O3 + light oil	ISO 10545-14	Min 3	5	Cr2O3/FE2O3 + light oil	ISO 10545-14	Min 3	5
Abrasion Resistance (PEI):	ISO 10545-7	(*)	III	Abrasion Resistance (PEI):	ISO 10545-7	(*)	IV
Frost Resistance	ISO 10545-12	Required	PASS	Frost Resistance	ISO 10545-12	Required	PASS
DIN 51130 ( R )	(*)	R9		DIN 51130 ( R )	(*)	R9	
Slip resistance	ANSI 137.1 (DCOF)	(*)	>0,42	Slip resistance	ANSI 137.1 (DCOF)	(*)	>0,42
UNE-ENV 12633(Class)	(*)	33°/1		UNE-ENV 12633(Class)	(*)	33°/1	
<b>3.-APLICACION GROUPS</b> According to its characteristics, Hijos de F. Gaya Fores, defines this model as group:							
GRUPO C							

(\*) as manufacturer confirms

### CHARACTERISTICS PORCELAIN (Group Bla)

DATE: 03/10/2017

<b>MODEL:</b> URBANA BRICK BLANCO / NATURAL / GRIS SIZE 11X33,15				<b>SERIE:</b> URBANA <b>CODE:</b> 200000000000013140			
<b>1.-CLASIFICACION (UNE-EN 14411).</b> Dry Pressed Ceramics Tiles with low water absorption - Group Bla, E ≤ 0,5% for internal and external floors and walls.							
<b>2.-SPECIFICATIONS (UNE-EN 14.411 - ISO13.006)</b>							
REQUIREMENTS	STANDARD APPLIED	REQUERIMENTS STANDARD	TEST RESULTS	REQUIREMENTS	STANDARD APPLIED	REQUERIMENTS STANDARD	TEST RESULTS
Dimensions and Surface Quality	ISO 10545-2	---	PASS	Dimensions and Surface Quality	ISO 10545-2	---	PASS
Water Absorption	ISO 10545-3	E ≤ 0,5 %	PASS	Water Absorption	ISO 10545-3	E ≤ 0,5 %	PASS
Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	PASS	Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	PASS
MOHS	EN 101	(*)	6	MOHS	EN 101	(*)	7
Crazing Resistance	ISO 10545-11	(*)	PASS	Crazing Resistance	ISO 10545-11	(*)	PASS
Resistance to chemicals				Resistance to chemicals			
- Household chemicals: Ammonium chloride solution 100 g/l		Min B	GA	- Household chemicals: Ammonium chloride solution 100 g/l		Min B	GA
- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		Min B	GA	- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		Min B	GA
- Acids and alkalis:				- Acids and alkalis:			
Low concentrations: Hydrochloric acid solution (3%)	ISO 10545-13	(*)	GLA	Low concentrations: Hydrochloric acid solution (3%)	ISO 10545-13	(*)	GLA
Citric acid solution 100 g/l		(*)	GLA	Citric acid solution 100 g/l		(*)	GLA
Potassium hydroxide 30 g/l		(*)	GLA	Potassium hydroxide 30 g/l		(*)	GLA
High concentrations: Hydrochloric acid solution (18%)		(*)	GHA	High concentrations: Hydrochloric acid solution (18%)		(*)	GHA
Lactic acid solution (5%)	(*)	GHA	Lactic acid solution (5%)	(*)	GHA		
Potassium hydroxide 100 g/l	(*)	GHA	Potassium hydroxide 100 g/l	(*)	GHA		
Resistance to staining:				Resistance to staining:			
Cr2O3/FE2O3 + light oil	ISO 10545-14	Min 3	5	Cr2O3/FE2O3 + light oil	ISO 10545-14	Min 3	5
Abrasion Resistance (PEI):	ISO 10545-7	(*)	IV	Abrasion Resistance (PEI):	ISO 10545-7	(*)	IV
Frost Resistance	ISO 10545-12	Required	PASS	Frost Resistance	ISO 10545-12	Required	PASS
DIN 51130 ( R )	(*)	R9		DIN 51130 ( R )	(*)	R9	
Slip resistance	ANSI 137.1 (DCOF)	(*)	>0,42	Slip resistance	ANSI 137.1 (DCOF)	(*)	>0,42
UNE-ENV 12633(Class)	(*)	33°/1		UNE-ENV 12633(Class)	(*)	33°/1	
<b>3.-APLICACION GROUPS</b> According to its characteristics, Hijos de F. Gaya Fores, defines this model as group:							
GRUPO C							

(\*) as manufacturer confirms

### 1.- CLASIFICATION.

Water abs.	Group I E ≤ 3 %	Group IIa 3 % < E ≤ 6 %	Group IIb 6 % < E ≤ 10 %	Group III E > 10 %
<b>A Extruded</b>	Group AI ISO 13006 Annex A1	Group AIIa ISO 13006 Annex A2a	Group AIIb ISO 13006 Annex A2b	Group AIII ISO 13006 Annex A3
<b>B Dry pressed</b>	Group BIa E ≤ 0,5 % ISO 13006 Annex BIa	Group BIa ISO 13006 Annex B2a	Group BIb ISO 13006 Annex B2b	Group BIII ISO 13006 Annex B3
<b>C Others</b>	Group CI 0,5 < E ≤ 3 % ISO 13006 Annex BIb	Group CIIa	Group CIIb	Group CIII

### 2.-CHARACTERISTICS

RESISTANCE TO	CLASS	MEANING
Stains	5	The stain is removed with hot water and a damp cloth
	4	The stain is removed with a weak cleaning agent.
	3	The stain is removed with mechanical cleaning and a strong cleaning agent
	2	The stain is removed with suitable solvent after immersion for 24 h.
	1	The stain is not removed
Household chemicals Swimming pool salts	GA(V)	Non Visible effect (if the hue becomes slightly different, this is Definite change in appearance
	GB(V)	Definite change in appearance
	GC(V)	Partial or complete loss of the original surface
Acids and alkalis	GLA(V)	Non Visible effect (if the hue becomes slightly different, this is Definite change in appearance
	GLB(V)	Definite change in appearance
	GLC(V)	Partial or complete loss of the original surface
Low concentrations (L)	GHA(V)	Non Visible effect (if the hue becomes slightly different, this is Definite change in appearance
	GHB(V)	Definite change in appearance
	GHC(V)	Partial or complete loss of the original surface
High concentrations (H)	GHA(V)	Non Visible effect (if the hue becomes slightly different, this is Definite change in appearance
	GHB(V)	Definite change in appearance
	GHC(V)	Partial or complete loss of the original surface

### 3.- APPLICATIONS GROUPS

- GROUP A.-** Recommended for moderate or low level transit. Suitable for bedrooms and/or bathrooms in houses (avoid any kind of abrasion).
- GROUP B.-** Suitable for light or medium transit, such as rooms inside houses, except for kitchens or areas with direct access from outside.
- GROUP C.-** Floorings recommended for medium transit, suitable for houses, all kind of rooms included kitchen or near to entrance area:
- GROUP D.-** Flooring suitable for heavy traffic, such as entrances to houses with direct access from the outside, all kind of rooms and professional offices.
- GROUP GRAN TRANSITO.-** Flooring suitable and recommended for very heavy traffic

### 1.- CLASIFICATION.

Water abs.	Group I E ≤ 3 %	Group IIa 3 % < E ≤ 6 %	Group IIb 6 % < E ≤ 10 %	Group III E > 10 %
<b>A Extruded</b>	Group AI ISO 13006 Annex A1	Group AIIa ISO 13006 Annex A2a	Group AIIb ISO 13006 Annex A2b	Group AIII ISO 13006 Annex A3
<b>B Dry pressed</b>	Group BIa E ≤ 0,5 % ISO 13006 Annex BIa	Group BIa ISO 13006 Annex B2a	Group BIb ISO 13006 Annex B2b	Group BIII ISO 13006 Annex B3
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### 2.-CHARACTERISTICS

RESISTANCE TO	CLASS	MEANING
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### 3.- APPLICATIONS GROUPS

- GROUP A.-** Recommended for moderate or low level transit. Suitable for bedrooms and/or bathrooms in houses (avoid any kind of abrasion).
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