







Perpetual

L'eterna eleganza della natura
The eternal elegance of nature

Perpetual

GRES PORCELLANATO LAMINATO / LAMINATED PORCELAIN STONEWARE **Zero.3**

DESTINAZIONI D'USO / INTENDED USE: SOFT   LUX  

VENATO GOLD



BRECCIA WARM



PROTECT[®]
ANTIBATTERICO - ANTIMICROBIAL

Perpetual

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DESTINAZIONI D'USO / INTENDED USE: SOFT   LUX  

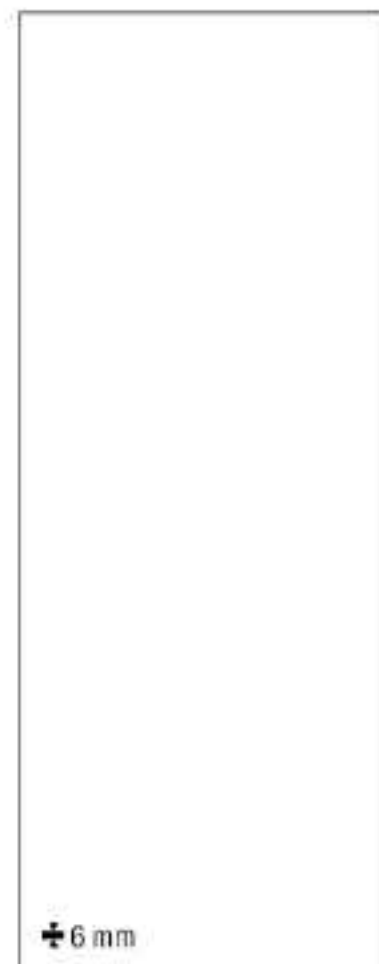
OROBICO BLEND



BELVEDERE DARK



PROTECT[®]
ANTIBATTERICO - ANTIMICROBIAL



120x278 cm Rect - 48"x109^{1/2}"
SOFT / LUX



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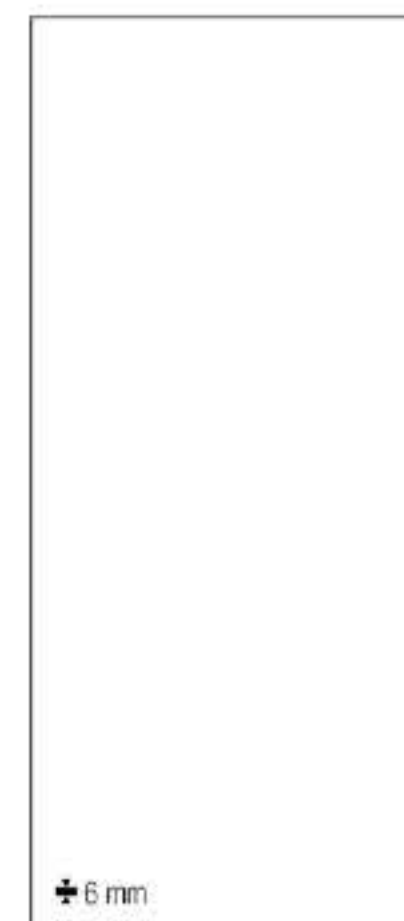
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OROBICO BLEND



BELVEDERE DARK



120x278 cm Rect - 48"x109^{1/2}"
SOFT / LUX

Perpetual

GRES PORCELLANATO A MASSA COLORATA_COLOURED-BODY PORCELAIN STONEWARE

DESTINAZIONI D'USO_INTENDED USE: SOFT   LUX  

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

VENATO GOLD



60x120 cm Rect - 24"x48"
SOFT / LUX



CHEVRON VENATO GOLD
9,5x54 cm Rect - 3^{3/4}"x21^{1/8}"
SOFT
9 mm

BRECCIA WARM



60x120 cm Rect - 24"x48"
SOFT / LUX



CHEVRON BRECCIA WARM
9,5x54 cm Rect - 3^{3/4}"x21^{1/8}"
SOFT
9 mm

Perpetual

GRES PORCELLANATO A MASSA COLORATA_COLOURED-BODY PORCELAIN STONEWARE

DESTINAZIONI D'USO_INTENDED USE: SOFT   LUX  

PROTECT
ANTIBATTERICO - ANTIMICROBIAL

BELVEDERE DARK



60x120 cm Rect - 24"x48"
SOFT / LUX



CHEVRON BELVEDERE DARK
9,5x54 cm Rect - 3^{3/4}"x21^{1/8}"
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60x120 cm Rect - 24"x48"
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CHEVRON OROBICO BLEND
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SOFT
9 mm

Perpetual


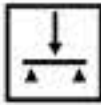

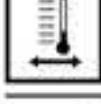





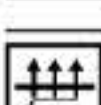


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GRES PORCELLANATO LAMINATO_LAMINATED PORCELAIN STONEWARE **Zero.3**

CARATTERISTICHE TECNICHE_TECHNICAL FEATURES

GRES PORCELLANATO LAMINATO_LAMINATED PORCELAIN STONEWARE

ISO 13006-G (Gruppo / Group B1a-UGL) • EN 14411-G (Gruppo / Group B1a-UGL) • ANSI A137.3 (Gauged porcelain slabs - UGL)

CARATTERISTICA TECNICA TECHNICAL FEATURES	METODO DI PROVA TEST METHOD	REQUISITI PRESCRITTI REQUIRED VALUES	VALORI MEDI AVERAGE VALUES
 ASSORBIMENTO D'ACQUA WATER ABSORPTION	ISO 10545-3 ASTM C373	≤ 0,5%	0,1%
 RESISTENZA ALLA FLESSIONE MODULUS OF RUPTURE	ISO 10545-4 ASTM C1505	≥ 35 N/mm ² ≥ 6000 PSI	50 N/mm² ≥ 6000 PSI
 RESISTENZA ALL'ABRASIONE PROFONDA DEEP ABRASION RESISTANCE	ISO 10545-6 ASTM C1243	≤ 175 mm ³	Conforme / Compliant
 DILATAZIONE TERMICA LINEARE LINEAR THERMAL EXPANSION	ISO 10545-8 ASTM C372	Requisito non previsto No provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4,4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} / \alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 RESISTENZA ALLE MACCHIE STAIN RESISTANCE	ISO 10545-14 ASTM C1378	Classe / Class 3 Min. As indicated by manufacturer	5 RESISTENTE / RESISTANT Soft ≥ 3 Lux A RESISTANT Soft C Lux
 RESISTENZA ALL'ATTACCO CHIMICO (*) CHEMICAL RESISTANCE (*)	ISO 10545-13 ASTM C650	Come indicato dal produttore As indicated by manufacturer	LA-HA RESISTENTE / RESISTANT Soft LB-HB Lux A RESISTANT Soft C Lux
 RESISTENZA AL GELO FROST RESISTANCE	ISO 10545-12 ASTM C1026	Nessuna alterazione / No alteration As indicated by manufacturer	RESISTENTE / RESISTANT RESISTANT
 RESISTENZA ALLO SCIVOLAMENTO SLIP RESISTANCE	ANSI A326.3	-	ID - DCOF ≥ 0.42 (dry) Soft - Lux IW - DCOF ≥ 0.42 (wet) Soft
 STONALIZZAZIONE SHADE VARIATION	ANSI A137.3	Come indicato dal produttore As indicated by manufacturer	V2 (Onice Clear) Variazioni minime / Slight variations V3 (Venato Gold - Orobico Blend - Belvedere Dark) Variazioni moderate / Moderate variations V4 (Breccia Warm) Variazioni sostanziali / Substantial variation
 REAZIONE AL FUOCO FIRE REACTION	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Classe / Class A1 (parete / wall) Classe / Class A1fl (pavimento / floor)
 FLAME SPREAD	ASTM E84	No provision	Class A
 CONDUCIBILITA' TERMICA THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m } ^\circ\text{K} / 0,7 \text{ BTU/ft h } ^\circ\text{F}$
 SPESSORE THICKNESS	FORMATI_SIZES 120x278 cm - 48"x109 1/2"	-	6 mm

(*) Ad esclusione dell'acido fluoridrico e derivati_Excluding hydrofluoric acid and its derivatives

Perpetual


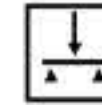
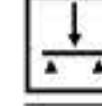











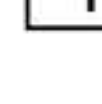
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GRES PORCELLANATO A MASSA COLORATA_COLOURED-BODY PORCELAIN STONEWARE

CARATTERISTICHE TECNICHE_TECHNICAL FEATURES

GRES PORCELLANATO A MASSA COLORATA_COLOURED-BODY PORCELAIN STONEWARE

ISO 13006-G (Gruppo / Group B1a-UGL) • EN 14411-G (Gruppo / Group B1a-UGL) • ANSI A137.1 - UGL (Porcelain tiles - P1 Class)

CARATTERISTICA TECNICA TECHNICAL FEATURES	METODO DI PROVA TEST METHOD	REQUISITI PRESCRITTI REQUIRED VALUES	VALORI MEDI AVERAGE VALUES
 ASSORBIMENTO D'ACQUA WATER ABSORPTION	ISO 10545-3 ASTM C373	≤ 0,5%	0,05%
 SFORZO DI ROTTURA (S) BREAKING STRENGTH	ISO 10545-4 ASTM C648	≥ 1300 N ≥ 250 lbf	1.800 N 9 mm 400 lbf 9 mm
 RESISTENZA ALLA FLESSIONE MODULUS OF RUPTURE	ISO 10545-4	≥ 35 N/mm ²	50 N/mm²
 RESISTENZA ALL'ABRASIONE PROFONDA DEEP ABRASION RESISTANCE	ISO 10545-6 ASTM C1243	≤ 175 mm ³	145 mm³ Soft / 150 mm³ Lux
 DILATAZIONE TERMICA LINEARE LINEAR THERMAL EXPANSION	ISO 10545-8 ASTM C372	Requisito non previsto No provision	$\alpha \leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ $\alpha \leq 4,4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1} / \alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
 RESISTENZA ALLE MACCHIE STAIN RESISTANCE	ISO 10545-14 ASTM C1378	Classe / Class 3 Min. As indicated by manufacturer	5 RESISTENTE / RESISTANT Soft ≥ 3 Lux A RESISTANT Soft C Lux
 RESISTENZA ALL'ATTACCO CHIMICO (*) CHEMICAL RESISTANCE (*)	ISO 10545-13 ASTM C650	Come indicato dal produttore As indicated by manufacturer	LA-HA RESISTENTE / RESISTANT A RESISTANT
 RESISTENZA AL GELO FROST RESISTANCE	ISO 10545-12 ASTM C1026	Nessuna alterazione / No alteration As indicated by manufacturer	RESISTENTE / RESISTANT RESISTANT
 RESISTENZA ALLO SCIVOLAMENTO SLIP RESISTANCE	ANSI A326.3	-	ID - DCOF ≥ 0.42 (dry) Soft - Lux IW - DCOF ≥ 0.42 (wet) Soft
 STONALIZZAZIONE SHADE VARIATION	ANSI A137.1	Come indicato dal produttore As indicated by manufacturer	V2 (Onice Clear) Variazioni minime / Slight variations V3 (Venato Gold - Orobico Blend - Belvedere Dark) Variazioni moderate / Moderate variations V4 (Breccia Warm) Variazioni sostanziali / Substantial variation
 REAZIONE AL FUOCO FIRE REACTION	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Classe / Class A1 (parete / wall) Classe / Class A1fl (pavimento / floor)
 FLAME SPREAD	ASTM E84	No provision	Class A
 CONDUCIBILITA' TERMICA THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m } ^\circ\text{K} / 0,7 \text{ BTU/ft h } ^\circ\text{F}$
 FUGA MINIMA CONSIGLIATA (**) RECOMMENDED MINIMUM JOINT (**)	RECT (INTERNO / INDOOR)	-	2 mm
 SPESSORE THICKNESS	FORMATI_SIZES 120x120 cm - 48"x48" 60x120 cm - 24"x48" 60x60 cm - 24"x24" 30x60 cm - 12"x24"	-	9 mm

(*) Ad esclusione dell'acido fluoridrico e derivati_Excluding hydrofluoric acid and its derivatives

(**) Salvo diversa indicazione dei Codici di Posa Nazionali. La larghezza delle fughe deve comunque essere decisa dalla Direzione Lavori
The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards