



METROPOLITAN

Grès porcellanato impasto colorato
 Color body porcelain stoneware / Grès cérame coloré dans la masse / Durchgefärbtes Feinsteinzeug

Colori / Colours / Couleurs / Farben



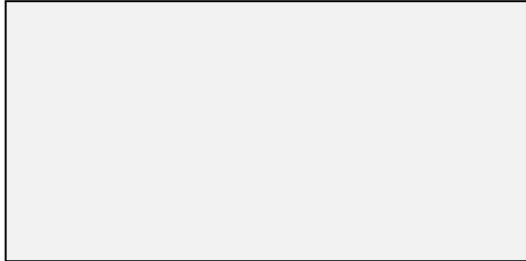
effetto metallo metal-look effet métallique metalloptik	HD	V3 HIGH
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R Rettificato
 Rectified

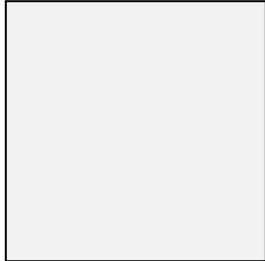
Formati / Sizes / Formats / Formate



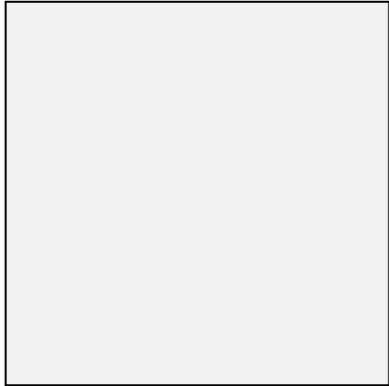
122,6x122,6 cm R . 48"x48" R
R10
 tutti i colori . all colors .
 toutes les couleurs . alle Farben



61,3x122,6 cm R . 24"x48" R
R10
 tutti i colori . all colors .
 toutes les couleurs . alle Farben



61,0x61,0 cm R . 24"x24" R
R10
 tutti i colori . all colors .
 toutes les couleurs . alle Farben



90x90 cm R . 36"x36" R
R10
 tutti i colori . all colors .
 toutes les couleurs . alle Farben



30,4x61,0 cm R . 12"x24" R
R10
 tutti i colori . all colors .
 toutes les couleurs . alle Farben

floor: IRON | 122,6x122,6 cm R_48"x48" R
 wall: NICHEL | 61,3x122,6 cm R_24"x48" R



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nichel



M4N8	122,6x122,6 cm 48"x48"	R	54,02IMQ
M5M9	90x90 cm 36"x36"	R	44,76IMQ
M6H3	61,3x122,6 cm 24"x48"	R	40,13IMQ
M3J7	61,0x61,0 cm 24"x24"	R	29,33IMQ
M6H7	30,4x61,0 cm 12"x24"	R	26,24IMQ

iron



M4N9	122,6x122,6 cm 48"x48"	R	54,02IMQ
M5M8	90x90 cm 36"x36"	R	44,76IMQ
M0E4	61,3x122,6 cm 24"x48"	R	40,13IMQ
M3J6	61,0x61,0 cm 24"x24"	R	29,33IMQ
M6H5	30,4x61,0 cm 12"x24"	R	26,24IMQ

blue



M5N0	122,6x122,6 cm 48"x48"	R	54,02IMQ
M6M0	90x90 cm 36"x36"	R	44,76IMQ
M0E6	61,3x122,6 cm 24"x48"	R	40,13IMQ
M3J8	61,0x61,0 cm 24"x24"	R	29,33IMQ
M6H6	30,4x61,0 cm 12"x24"	R	26,24IMQ

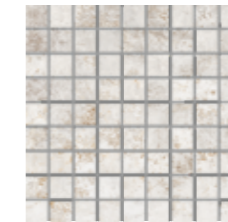
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METROPOLITAN

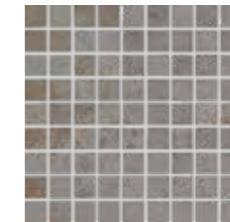
Decori / Decors / Décors / Dekors

mosaico monocolore 81 tessere 3x3 - 30x30 cm 12"x12" **N** 13,28 **IPZ**

nichel



iron



blue



mosaico asimmetrico 18 pz - 30x30 cm 12"x12" **N** 13,28 **IPZ**

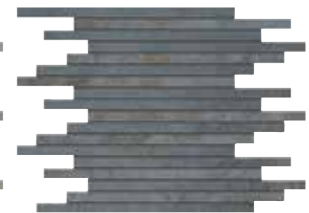
nichel



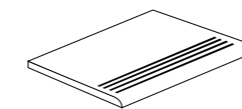
iron



blue

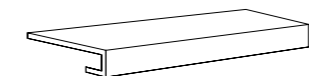


Pezzi Speciali / Special Pieces / Pièces Spéciales / Formteile



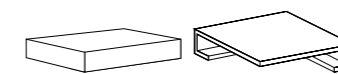
step
30,4x61,0 cm R 12"x24" **R** 20,07 **IPZ**

nichel
iron
blue



gradino costa retta
30,5x122,6x4 cm 12"x48"x1^{3/4}" **R** 163,58 **IPZ**
34x61,0x4 cm 13"x24"x1^{3/4}" **R** 83,33 **IPZ**

nichel
iron
blue



vista frontale
angolare costa retta dx/sx
30,5x122,6x4 cm 12"x48"x1^{3/4}" **R** 200,62 **IPZ**
34x34x4 cm 13"x13"x1^{3/4}" **R** 103,40 **IPZ**

nichel
iron
blue



battiscopa
6,5x122,6 cm R 2^{1/2}"x48" **R** 10,80 **IPZ**

nichel
iron
blue

Note / Notes / Notes / Anmerkungen
I battiscopa e gli elementi "L" vengono venduti a pz. e a scatola completa. Tutti gli altri pezzi speciali vengono venduti al pezzo. I gradini vengono prodotti solo su ordinazione (tempo minimo di consegna 20 gg lavorativi).
All skirting and monolithic L elements, priced per piece, are sold in full box. All other special trims are sold by piece. Steps are produced only on request (minimum delivery terms of 20 days).
Les plinthes et élément "L" sont vendues la pièce et par boîte complète. Les autres pièces spéciales sont vendus la pièce. Le plat de marche sont produit sur demande (délai minimum de 20 jours).
Die Sockelleisten und Stufen werden pro Stk. und Vollen Kartons verkauft. Stufen und Stufenecken werden nur auf Bestellung produziert (Lieferzeiten mindesten 20 arbeitstagen ab Auftragserteilung).

Piastrelle in monocottura atomizzata pasta bianca . Single-fired (atomized white body) tiles (serie: Manhattan - Nido d'ape - Mini mosaico)
Conforme / According To: **ANSI A137.1 (glazed non vitreous wall tiles - P4 Class)**

TUSCANIA ceramic	CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS CARACTÉRISTIQUES TECHNIQUES TECHNISCHE MERKMALE	NORMA DI RIFERIMENTO REFERENCE STANDARD NORME DE REFERENCE PRÜFMETHODE	VALORE RICHIESTO REQUIRED VALUE VALEUR REQUISE SOLLWERT	VALORE MEDIO TUSCANIA AV. TUSCANIA VALUE VALEUR MOYENNE TUSCANIA MITTLERER TUSCANIA-WERT
		DIMENSIONI DIMENSIONS DIMENSIONS ABMESSUNGEN	ISO 10545-2	CONFORME COMPLIANT CONFORME KONFORM
	ASSORBIMENTO D'ACQUA WATER ABSORPTION ABSORPTION D'EAU WASSERAUFNAHME	ISO 10545-3	≤ 0,5 %	CONFORME COMPLIANT CONFORME KONFORM
	RESISTENZA A FLESSIONE MODULUS OF RUPTURE RESISTANCE A LA FLEXION BIEGEFESTIGKEIT	ISO 10545-4	MODULUS OF RUPTURE R ≥ 35 N/MM ² BREAKING STRENGTH S ≥ 1300 N	CONFORME COMPLIANT CONFORME KONFORM
	RESISTENZA ALL'ABRASIONE ABRASION RESISTANCE RÉSISTANCE À L'ABRASION ABRIEBBESTÄNDIGKEIT	ISO 10545-7	PEI SOLO PER PIASTRELLE SMALTATE ONLY FOR GLAZED TILES	
	DILATAZIONE TERMICA LINEARE LINEAR THERMAL EXPANSION DILATATION THERMIQUE LINEAIRE LINEARE WÄRMEAUSDEHNUNG	ISO 10545-8	≤ 9x10 ⁻⁶ °C ⁻¹	CONFORME COMPLIANT CONFORME KONFORM
	RESISTENZA AGLI SBALZI TERMICI THERMAL SHOCK RESISTANCE RESISTANCE AUX ECARTS DE TEMPERATURE ITEMPERATURWECHSELBESTÄNDIGKEIT	ISO 10545-9	RESISTENTE RESISTANT RESISTANT BESTÄNDIG	RESISTENTE RESISTANT RESISTANT BESTÄNDIG
	RESISTENZA AL GELO FROST RESISTANCE RESISTANCE AU GEL FROSTBESTÄNDIGKEIT	ISO 10545-12	RESISTENTE RESISTANT RESISTANT BESTÄNDIG	RESISTENTE RESISTANT RESISTANT BESTÄNDIG
	RESISTENZA AGLI ACIDI ED ALLE BASI ACID AND ALKALI RESISTANCE RESISTANCE AUX ACIDES ET AUX BASES SÄURE- UND LAUGENBESTÄNDIGKEIT	ISO 10545-13	CLASS GB MIN.	LOW CONCENTRATION GLA HIGH CONCENTRATION GHA
	RESISTENZA ALL'ATTACCO CHIMICO CHEMICAL RESISTANCE RESISTANCE À L'ATTAQUE CHEMIQUE CHEMISCHE BESTÄNDIGKEIT	ISO 10545-13	CLASS GB MIN.	GA
	RESISTENZA ALLE MACCHIE STAIN RESISTANCE RESISTANCE AU TACHES FLECKENBESTÄNDIGKEIT	ISO 10545-14	CLASS 3 MIN.	5
	COEFFICIENTE DI ATTRITO (SCIVOLOSITÀ) FRICTION COEFFICIENT (SLIPPERINESS) COEFFICIENT DE FRICTION (GLISSEMENT) REIBUNGSKOEFFIZIENT (RUTSCHIGKEIT)	BCR - ITALIA DM DEL 14-06-89	ANSI 326.3	DIN - GERMANIA DIN 51130
		DRY RUBBER 0,62	WET RUBBER 0,51	DRY LEATHER 0,62



THE PRODUCTS HAVING AN ABSORPTION < 0,5% ARE CLASSIFIED ACCORDING THE UNI CEN STANDARDS "FULLY VITRIFIED TILES" AND ACCORDING TO THE ASTM STANDARDS "IMPERVIOUS TILES"

TUSCANIA ceramic	CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS	NORMA DI RIFERIMENTO REFERENCE STANDARD	VALORE RICHIESTO REQUIRED VALUE		VALORE MEDIO TUSCANIA AV. TUSCANIA VALUE	
	ASSORBIMENTO D'ACQUA (E) WATER ABSORPTION (E)	ASTM C373	7% < e ≤ 20%		CONFORME COMPLIANT	
	CARICO DI ROTTURA (S) BREAKING STRENGTH (S)	ASTM C648	≥ 125 LBF		≥ 125 LBF	
	DILATAZIONE TERMICA LINEARE LINEAR THERMAL EXPANSION	ASTM C372	REQUISITO NON PREVISTO NO PROVISION		α ≤ 8 x 10 ⁻⁶ °C ⁻¹ α ≤ 4.4 x 10 ⁻⁶ °F ⁻¹	
	RESISTENZA AGLI SBALZI TERMICI THERMAL SHOCK RESISTANCE	ASTM C484	NESSUNA ALTERAZIONE NO ALTERATIONS		RESISTENTE RESISTANT	
	RESISTENZA AL CAVILLO CRAZING RESISTANCE RÉSISTANCE AU TRESSILLAGE HAARISSBESTÄNDIGKEIT	ASTM C424	NESSUNA ALTERAZIONE NO ALTERATIONS		RESISTENTE RESISTANT	
	RESISTENZA ALL'ATTACCO CHIMICO CHEMICAL RESISTANCE	ASTM C650	COME INDICATO DAL PRODUTTORE AS INDICATED BY MANUFACTURER		RESISTENTE (1) RESISTANT	
	RESISTENZA ALLE MACCHIE STAIN RESISTANCE	ASTM C1378	REQUISITO NON PREVISTO NO PROVISION		RESISTENTE RESISTANT	
	CESSIONE DI PIOMBO E CADMIO LEAD AND CADMIUM GIVEN OFF	ASTM C895	REQUISITO NON PREVISTO NO PROVISION		RESISTENTE RESISTANT	
	RESISTENZA AL GELO FROST RESISTANCE	ASTM C1026	REQUISITO NON PREVISTO NO PROVISION		NON RESISTENTE NOT RESISTANT	
	RESISTENZA AL DISTACCO DA MALTA STANDARD BOND STRENGTH	ASTM C482	≥ 50 PSI		CONFORME CONFORMS	
	CARATTERISTICHE DIMENSIONALI DIMENSIONS	PLANARITÀ DEI LATI EDGE WARPAGE	ASTM C485	RETTIFICATO / RECTIFIED - 0.30% / + 0.40% OR MAX - 0.04" / +0.05"	CALIBRATO / CALIBRATED - 0.30% / + 0.40% OR MAX - 0.04" / +0.05"	CONFORME COMPLIANT
		PLANARITÀ DIAGONALI DIAGONAL WARPAGE	ASTM C485	RETTIFICATO / RECTIFIED - 0.30% / + 0.40% OR MAX - 0.05" / +0.07"	CALIBRATO / CALIBRATED - 0.30% / + 0.40% OR MAX - 0.05" / +0.07"	CONFORME COMPLIANT
		DIMENSIONI NOMINALI NOMINAL DIMENSIONS	ASTM C499	RETTIFICATO / RECTIFIED ±2.0% OF NOMINAL DIMENSIONS	CALIBRATO / CALIBRATED ±2.0% OF NOMINAL DIMENSIONS	± 1.0%
		INTERVALLO CALIBRO CALIBER RANGE	ASTM C499	RETTIFICATO / RECTIFIED ± 0.25% OR MAX ± 0.03"	CALIBRATO / CALIBRATED ± 0.30% OR MAX ± 0.04"	CONFORME COMPLIANT
		SPESSORE THICKNESS	ASTM C499	≤ 0.031"	≤ 0.031"	CONFORME COMPLIANT
		PARALLELISMO DEI LATI WEDGING	ASTM C502	RETTIFICATO / RECTIFIED ± 0.25% OR MAX ± 0.03"	CALIBRATO / CALIBRATED ± 0.40% OR MAX ± 0.05"	CONFORME COMPLIANT

GL: Monocottura . Single-fired tile

(1) AD ESCLUSIONE DELL'ACIDO FLUORIDRICO E SUOI DERIVATI / EXCLUDING HYDROFLUORIC ACID AND ITS DERIVATIVES

Tabella pesi ed imballi / Sizes weight and packaging /
Mesures poids et emballages / Tabelle der Gewichte und Verpackungen /

formati - sizes - tailles - formate			pz. x box	mq. x box	kg. x box	box x pal.	mq. x pal.	kg. x pal.	
122,6x122,6 cm 48"x48" (rettificato) (lappato e rettificato)			1	1,50	21,70	30	45,00	685	135x135x55
122,6x122,6 cm 48"x48" (rettificato)			2	3,00	65,01	16	48,00	1080	135x135x55
80,0x160,0 cm 31"x62" (rettificato) (lappato e rettificato)	NEW		2	2,56	54,50	16	40,96	940	90x60x172
90x90 cm 36"x36" (rettificato)			2	1,62	34,43	21	34,02	735	90x94x55
61,3x122,6 cm 24"x48" (rettificato)			2	1,50	37,80	36	54,00	1145	80x120x75
61,0x61,0 cm 24"x24" (rettificato) (lappato e rettificato)			4	1,49	32,30	30	44,70	980	80x120x75
60,0x121,0 cm 24"x48" (lappato e rettificato)			2	1,45	32,92	36	52,20	1200	80x120x75
45,5x45,5 cm 18 ^{1/4} "x18 ^{1/4} " (naturale)			8	1,66	32,37	44	73,04	1440	80x120x105
30,4x61,0 cm 12"x24" (rettificato)			7	1,30	24,50	40	52,00	990	80x120x75
26,0x160,0 cm 10"x62" (rettificato)	NEW		4	1,66	36,17	24	39,84	936	90x60x172
20x40 cm 8"x16" (naturale)	NEW		13	1,04	19,26	72	74,88	1400	80x120x95
20x20 cm 8"x8" (naturale)	NEW		32	1,28	23,71	60	76,80	1435	80x120x95
15,1x30,6 cm 6"x12" (naturale)			32	1,48	25,55	60	88,80	1545	80x120x105
7,5x30 cm 3"x12" manhattan (wall - pasta bianca)			22	0,50	7,45	80	40,00	626	77x117x70
pezzi speciali - special pieces - pièces spéciales - formteile									
6,5x122,6 cm 2 ^{1/2} "x48" battiscopa (rettificato)			10		12,50				
6,5x121,0 cm 2 ^{1/2} "x48" battiscopa (lappato rettificato)			10		12,50				
6,5x61,0 cm 2 ^{1/2} "x24" battiscopa (rettificato)			12		8,50				
6,5x40,0 cm 2 ^{1/2} "x16" battiscopa (rettificato)	NEW		20		9,90				
7,5x30,6 cm 3"x12" battiscopa (naturale)			36		13,00				
6,5x20 cm 2 ^{1/2} "x8" battiscopa (naturale)			50		10,50				

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Weight, colours and dimensions are subject to the inevitable variations typical of the ceramic firing process. Colours and aesthetic effects shown on this catalogue should be considered indicative and approximate as a result of printing process limits. Possible variations may occur and can not be at the base of any claim.

Les informations reprises dans ce catalogue sont exactes, mais elles n'engagent aucunement notre Société du point de vue légal. Pour des exigences de production la Société se réserve le droit d'apporter toutes les dimensions sont assujettis aux variations typiques du processus de cuisson de la céramiques.

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