

**astrum**

# astrum

Astrum is a porcelain stoneware collection inspired by one of the most widely used materials in architecture: travertine.

The charm of constructions made of durable, compact natural stone, made to last for centuries, is reinterpreted with modern taste, sensitive to the needs of contemporary design.

Meticulous style research led to the creation of fascinating surfaces that transcend trends to assert their own identity.

In the firmament of porcelain stoneware surfaces, Astrum is the star to be relied upon while searching for a textural, modern and elegant appeal.

Inspired by the finest natural travertine, Astrum reproduces the richness of the veining, the harmonious movement in the transitions of tone, the sediments and the nuances. Four delicate and natural nuances respond to different furnishing needs.

The exceptional performance typical of porcelain stoneware is featured by Astrum, which can be used in public or residential settings, indoors and outdoors, combining natural aesthetics with strength, hygiene and practicality.

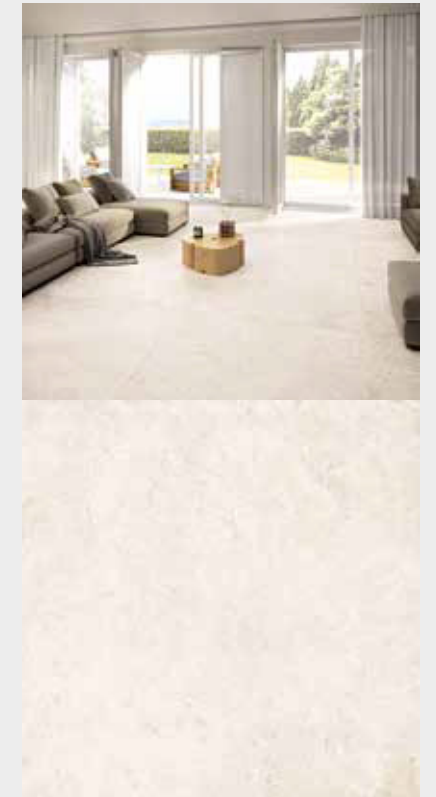
beigecrosscut



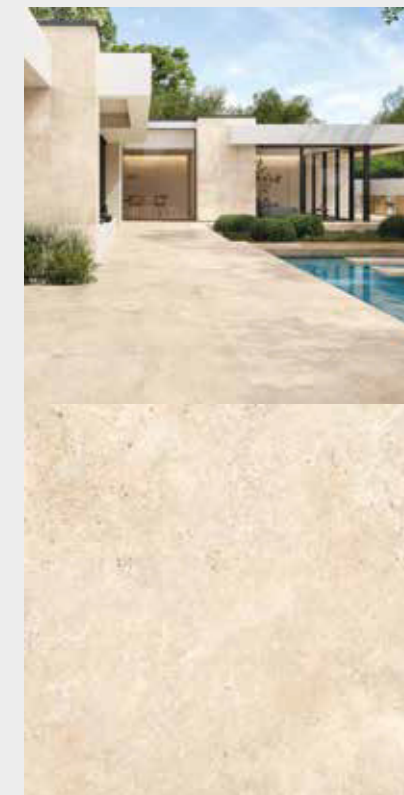
ivorycrosscut



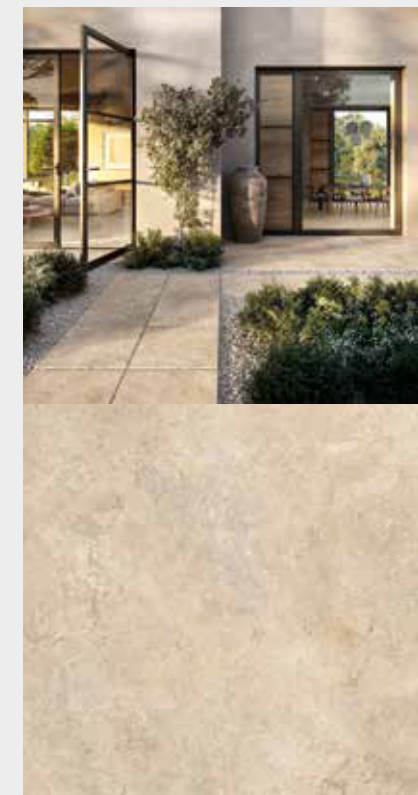
whitecrosscut



ivorycrosscut T\_20



beigecrosscut T\_20



astrum

# astrum

Porcelain stoneware

COLOURS CROSS CUT



white ivory beige

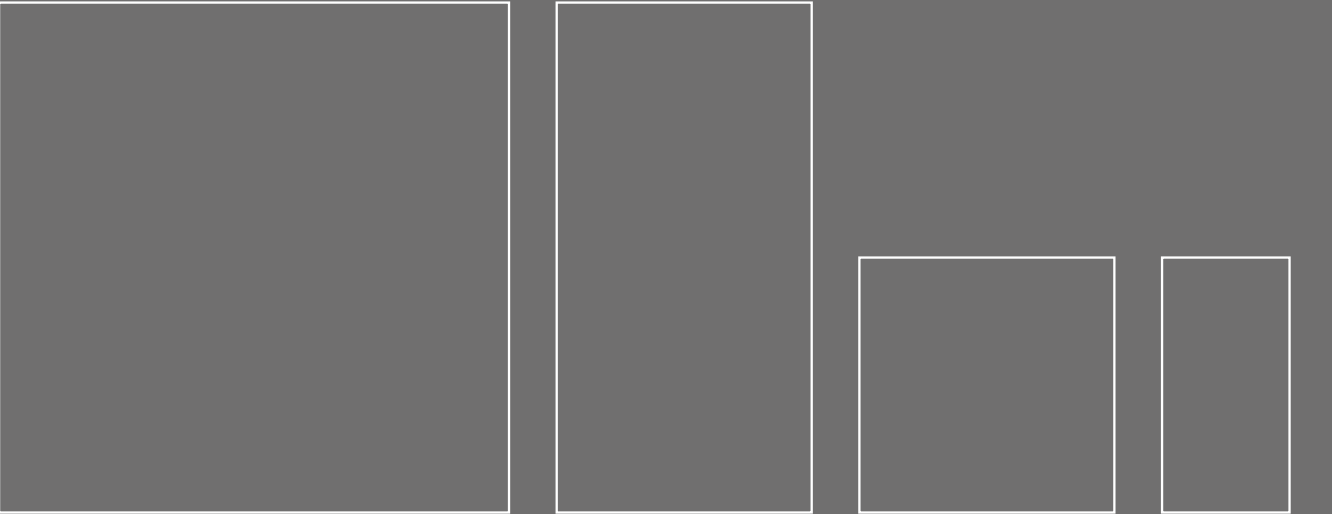
Each slab of Astrum is the result of research carried out in the Supergres ateliers, designed to provide the best possible response in the offering of large sizes, colours and surface finishes, to meet contemporary aesthetic and design requirements.

SIZES

astrum

120x120 RT  
60x120 RT  
60x60 RT  
30x60 RT

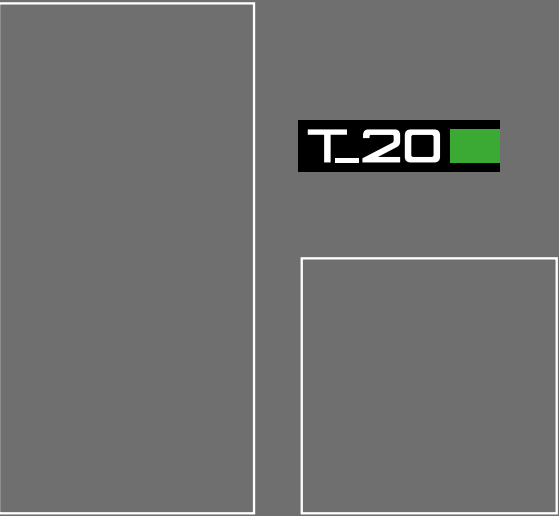
9 mm  $\frac{1}{2}$  | **naturele** R9 A 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT  
9 mm  $\frac{1}{2}$  | **grip** R11 A+B+C 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT



CROSS CUT CROSS CUT CROSS CUT CROSS CUT

60x120 RT  
60x60 RT

20 mm  $\frac{1}{2}$  | **T20** R11 A+B+C 60x120 RT | 60x60 RT



CROSS CUT CROSS CUT



# beigecrossCUT



Beige Cross Cut muretti gem 30.5x53.8 . 12"x21"



Beige Cross Cut 120x120 RT . 48"x48"





astrum

astrum  
beigeCROSSCUT



# ivorycrossCUT



Ivory Cross Cut 120x120 RT . 48"x48"



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Ivory Cross Cut 120x120 RT . 48"x48"





astrum

ivorycrosscut

Ivory Cross Cut 120x120 RT . 48"x48"



**whitecrossCUT**

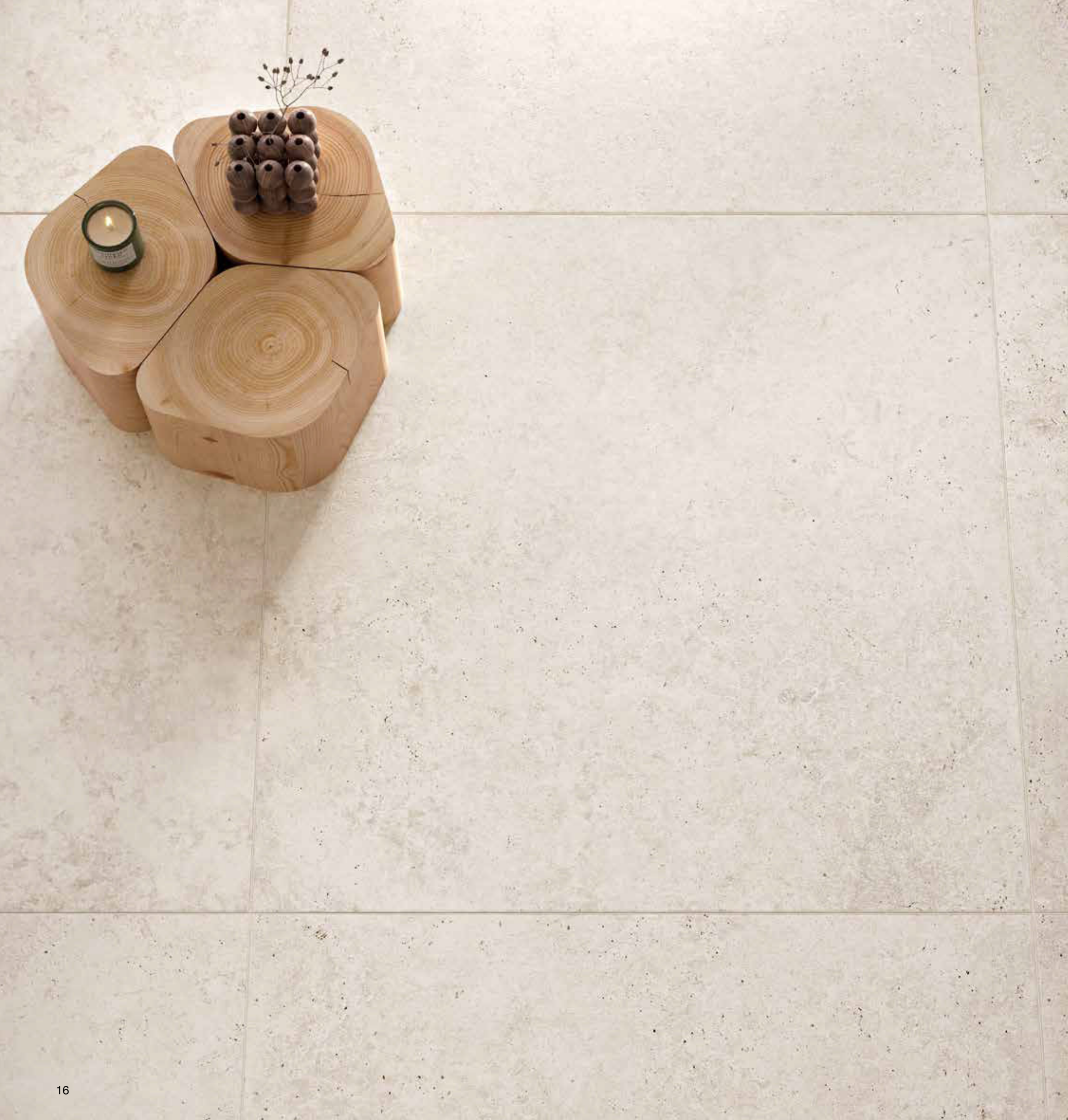


White Cross Cut 120x120 RT . 48"x48"



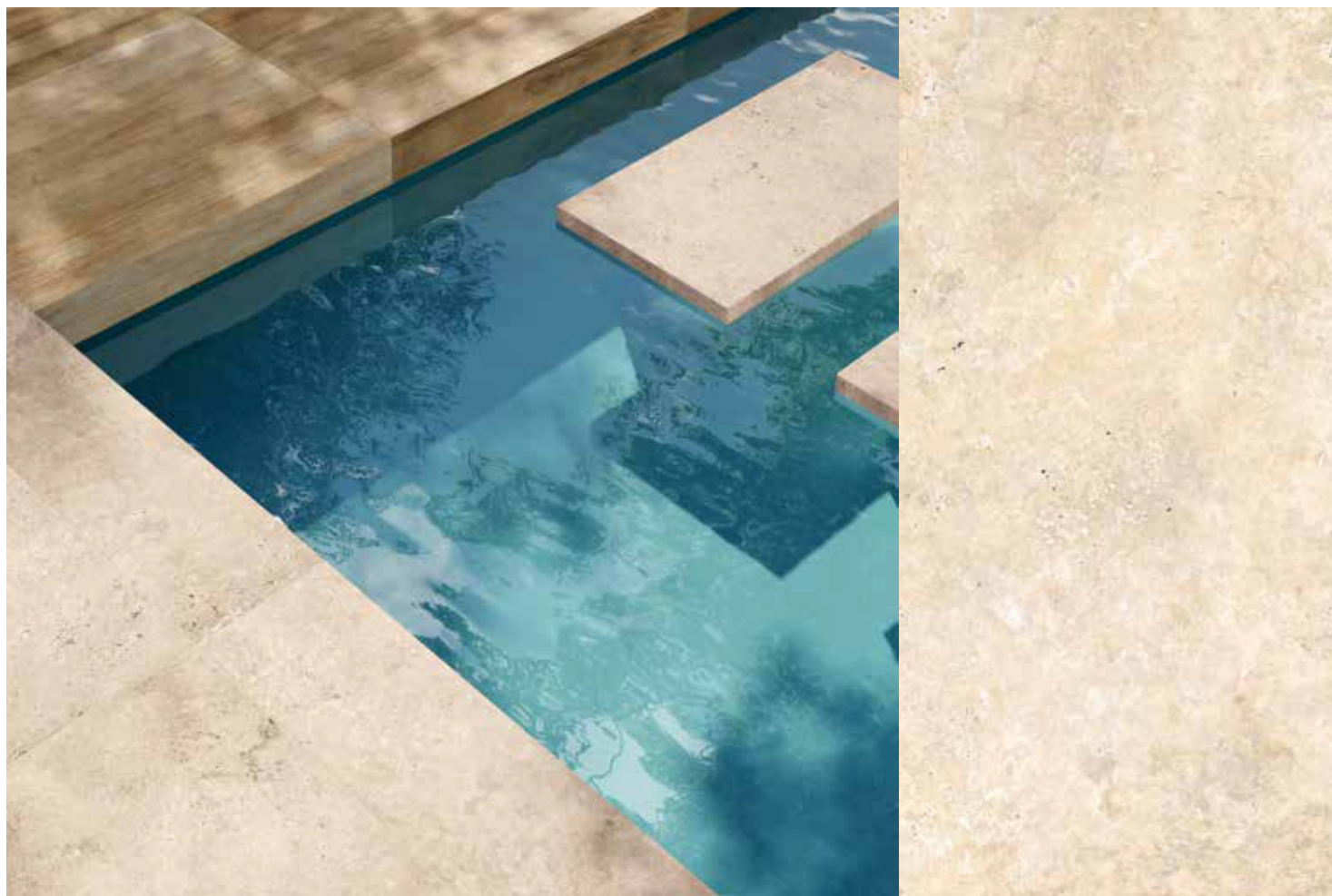
White Cross Cut 120x120 RT . 48"x48"  
White Cross Cut grip 120x120 RT . 48"x48"



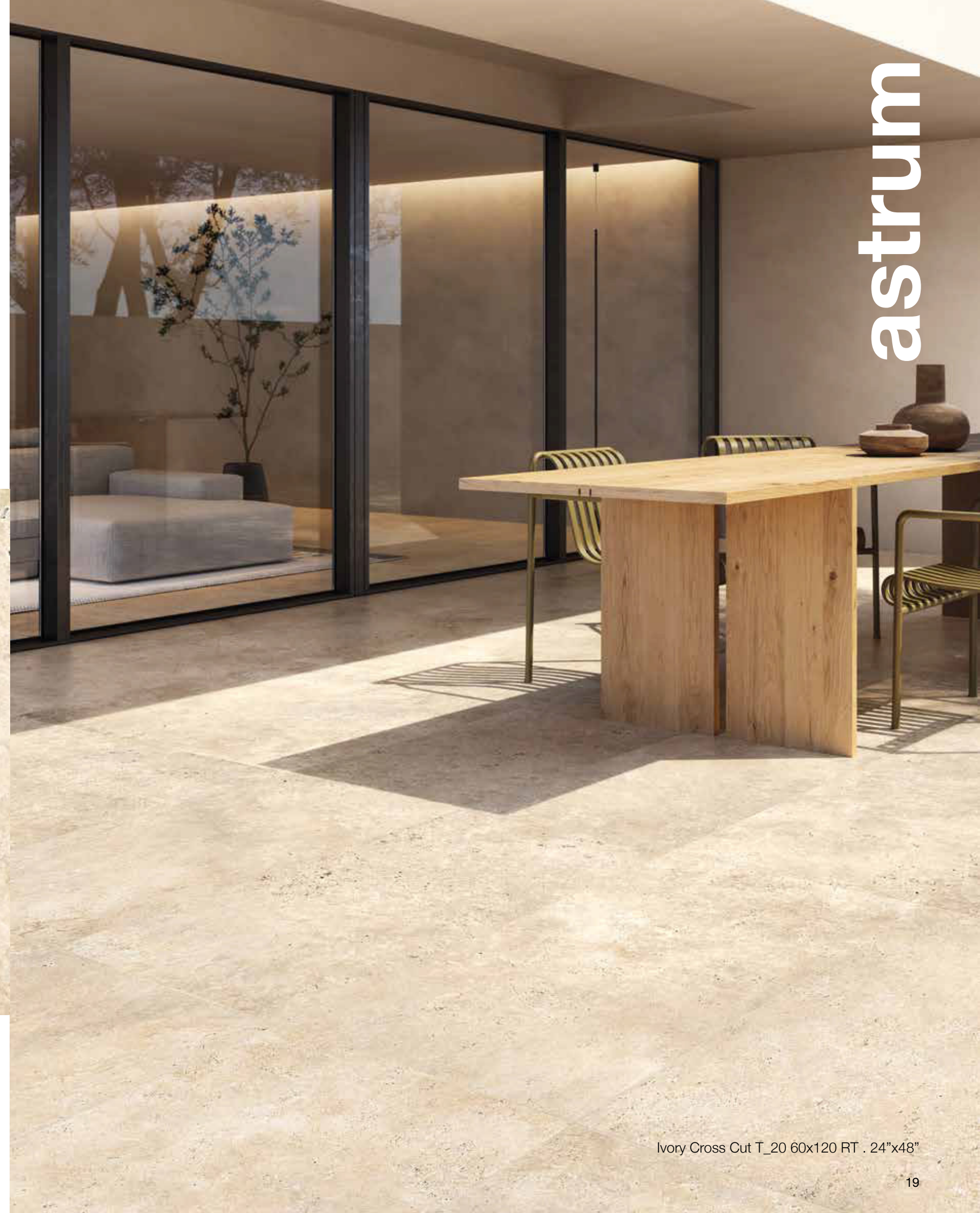




# ivorycrosscut



Ivory Cross Cut T\_20 60x120 RT . 24"x48"  
 Southgold T\_20 30x120 RT . 12"x48" | serie Travel T\_20  
 Ivory Cross cut T\_20 costa lucida 30x120 RT . 12"x48"



astrum

Ivory Cross Cut T\_20 60x120 RT . 24"x48"





Ivory Cross Cut T\_20 60x120 RT . 24"x48"  
Ivory Cross Cut T\_20 60x60 RT . 24"x24" Southgold T\_20  
30x120 RT . 12"x48" | serie Travel T\_20  
Ivory Cross cut T\_20 costa lucida 30x120 RT . 12"x48"



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**beigecrossCUT**

Beige Cross Cut T\_20 60x60 RT . 24"x24"

Beige Cross Cut T\_20 60x60 RT . 24"x24"



astrum

ivory


CROSSCUT

Porcelain stoneware




9 mm ✦ | naturale R9 A 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT


9 mm ✦ | grip R11 A+B+C 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT




astrum ivory  
120x120 RT - 48"x48"




astrum ivory  
60x120 RT - 24"x48"



astrum ivory  
60x60 RT - 24"x24"




astrum ivory  
30x60 RT - 12"x24"



astrum ivory mosaico  
30x30 RT - 12"x12"

mosaic size  
4,8x4,8 - 2"x2"



astrum ivory muretto gem  
30.5x53.8 - 12"x21"

astrum

beige


CROSSCUT

Porcelain stoneware




9 mm ✦ | naturale R9 A 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT


9 mm ✦ | grip R11 A+B+C 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT




astrum beige  
120x120 RT - 48"x48"



astrum beige  
60x120 RT - 24"x48"




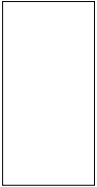
astrum beige  
60x60 RT - 24"x24"




astrum beige  
30x60 RT - 12"x24"

20 mm ✦ | T\_20 R11 A+B+C 60x120 RT | 60x60 RT






astrum beige T\_20  
60x120 RT - 24"x48"




astrum beige T\_20  
60x120 RT - 24"x24"



astrum beige mosaico  
30x30 RT - 12"x12"

mosaic size  
4,8x4,8 - 2"x2"

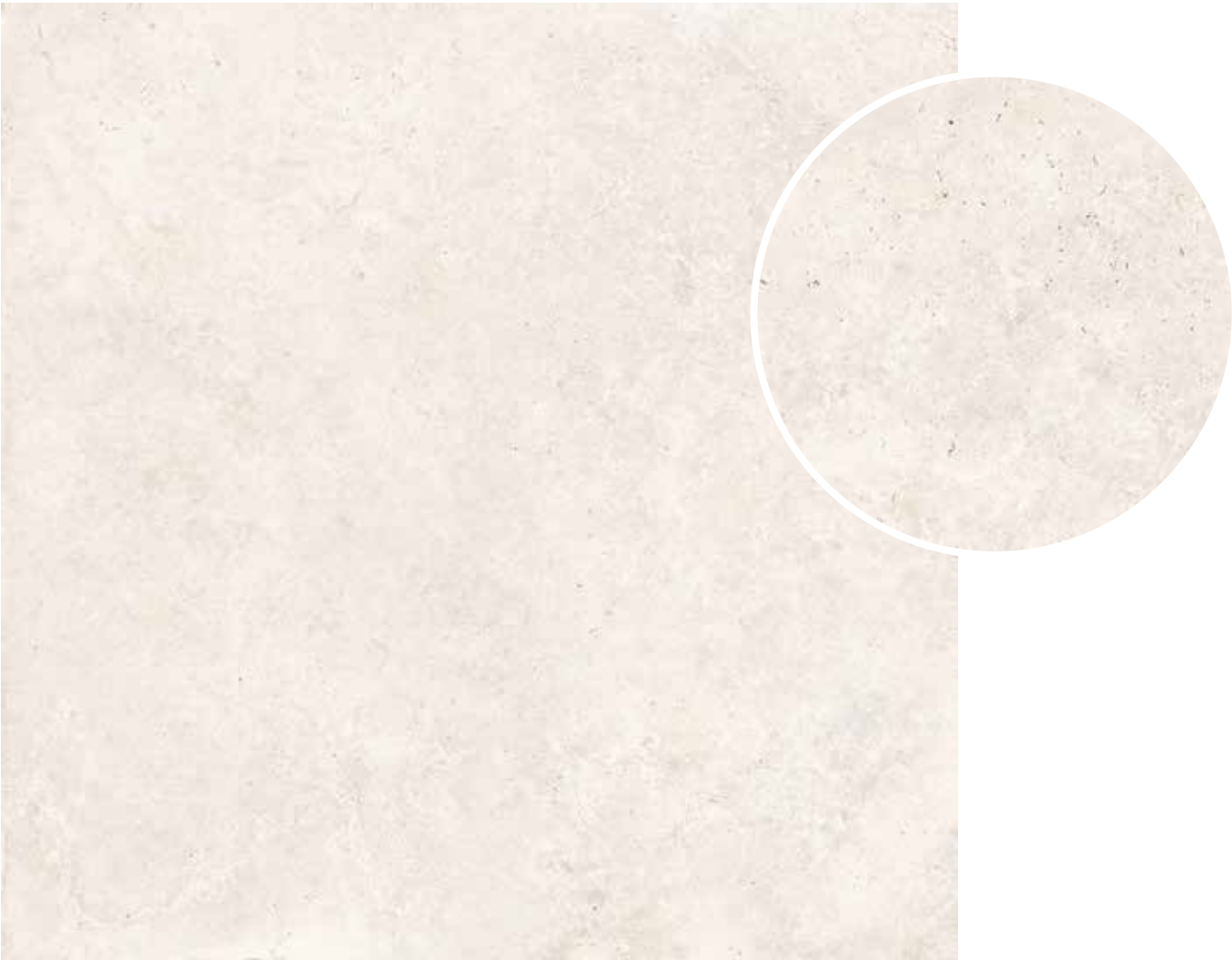


astrum beige muretto gem  
30.5x53.8 - 12"x21"

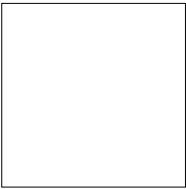


# astrum whitecrosscut

Porcelain stoneware



9 mm ✚ | **naturale** R9 A 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT  
9 mm ✚ | **grip** R11 A+B+C 120x120 RT | 60x120 RT | 60x60 RT | 30x60 RT



astrum white  
120x120 RT - 48"x48"



astrum white  
60x120 RT - 24"x48"



astrum white  
60x60 RT - 24"x24"



astrum white  
30x60 RT - 12"x24"

20 mm ✚ | **T\_20** R11 A+B+C 60x120 RT | 60x60 RT



astrum white T\_20  
60x120 RT - 24"x48"



astrum white T\_20  
60x60 RT - 24"x24"



astrum white mosaico  
30x30 RT - 12"x12"

mosaic size  
4,8x4,8 - 2"x2"



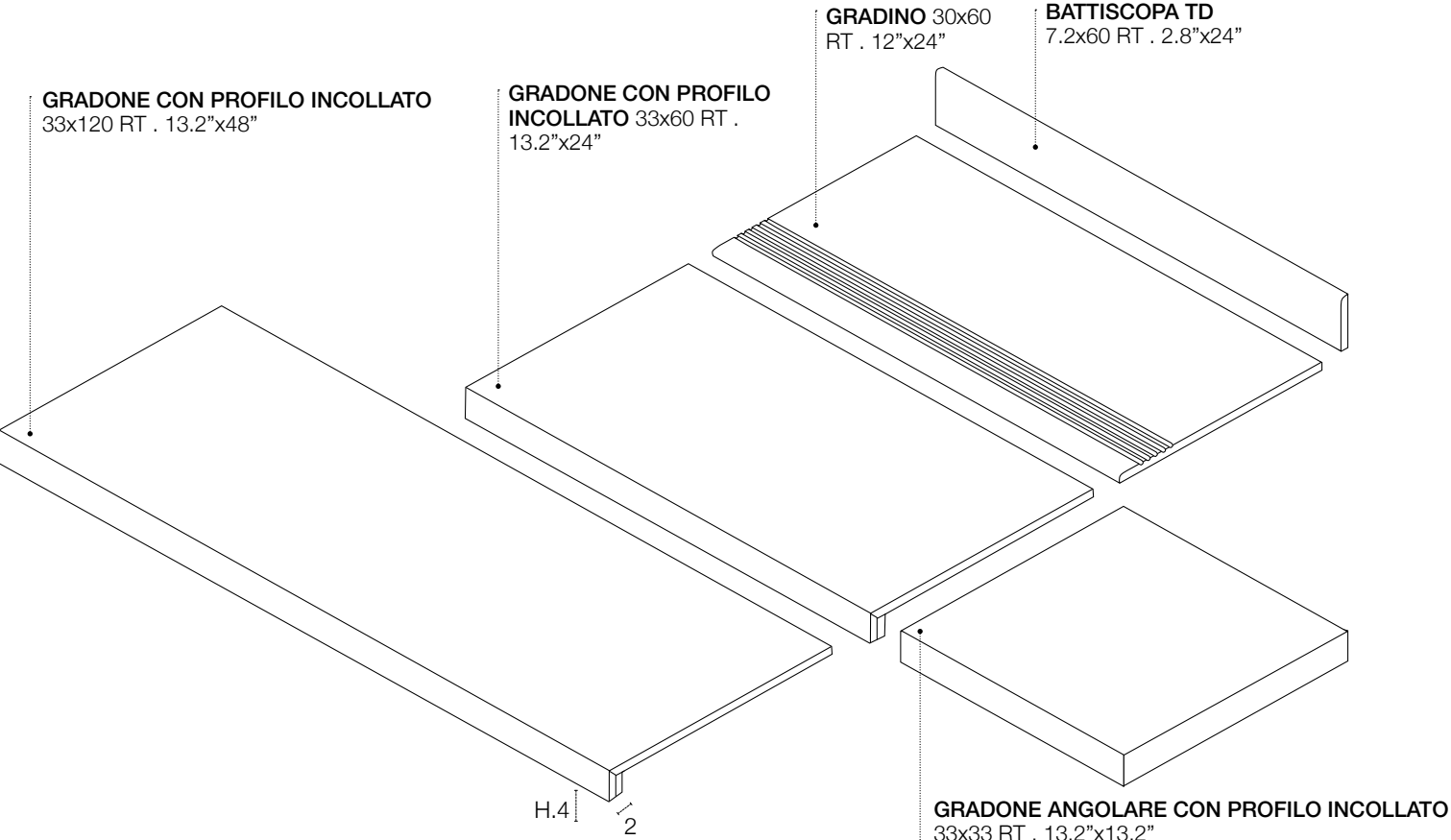
astrum white muretto gem  
30.5x53.8 - 12"x21"



astrum



SPECIAL TILES



TRIM TILES AVAILABLE IN ALL COLORS TO ORDER.

PACKING

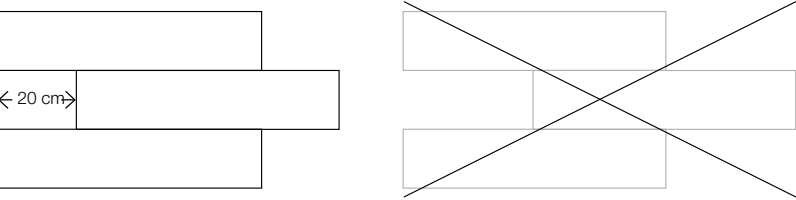
	pz/box	mq/box	kg/box	box/plt	mq/plt	kg/plt	thickness
120x120 RT / grip 120x120 RT	2	2,88	60,00	20	57,60	1212	9 mm
60x120 RT / grip 60x120 RT	2	1,44	30,00	35	50,40	1062	9 mm
60x60 RT / grip 60x60 RT	3	1,08	22,00	40	43,20	892	9 mm
30x60 RT / grip 30x60 RT	7	1,26	25,00	40	50,40	1012	9 mm
mosaico 30x30 RT	10	0,90	16,00	30	27,00	495	9 mm
muretto arch 28x56	4	0,627	13,00	-	-	-	9 mm
muretto gem 30,5x53,8	4	0,656	13,50	-	-	-	9 mm
battiscopa 7,2x60	10	6,00 ml	9,00	70	420 ml	645	-
gradone c/p inc. 33x120 RT	2	-	-	-	-	-	-
gradone c/p inc. 33x60 RT	4	-	-	-	-	-	-
angolare gradone c/p inc. 33x33 RT	4	-	-	-	-	-	-
gradino 30x60 RT	7	-	-	-	-	-	-

T.20

60x120 RT T20	1	0,72	32,00	35	25,20	1135	20 mm
60x60 RT T20	2	0,72	32,00	30	21,60	972	20 mm

RECOMMENDATIONS FOR INSTALLATION

As for rectified materials, a minimum joint of 2 mm is required.




It is strongly recommended to install the materials in a staggered pattern of a maximum of 20 cm, never at half way its length.



**GRUPPO Bld UGL** **Norma di riferimento: EN 14411 (ISO 13006) Allegato G - Piastrelle di ceramica pressate a secco con basso assorbimento d'acqua (Ev 0,5%)**  
Norme retenue: EN 14411 (ISO 13006) Annexe G - Carreaux céramiques pressés à sec avec faible absorption d'eau (Ev ≤ 0,5%) . Bezugsnorm: EN 14411 (ISO 13006) Anlage G - Trockengepresste keramische Fliesen und Platten mit niedriger Wasseraufnahme (Ev ≤ 0,5%) . Reference standard: EN 14411 (ISO 13006) Appendix G - Dry pressed ceramic tiles with low water absorption (Ev ≤ 0,5%)

CARATTERISTICHE TECNICHE . TECHNICAL CHARACTERISTICS Caracteristiques techniques . Technische eigenschaften	NORMA NORMS Normes Normen	REQUISITI RICHIESTI . REQUIREMENTS Conditions requisés . Geforderte eigenschaften			VALORE MEDIO SUPERGRES * Valeur moyenne . Average rating			
		RETTIFICATI	7 cm ≤ N > 15 cm	N ≥ 15 cm		SUPERFICIE NATURALE	SUPERFICIE GRIP	T20
Lunghezza e larghezza dei lati . Lenght and width of the sides Longuer et largeur de côtés . Länge und Breite	ISO 10545-2		± 0,4 mm	± 0,3 %	± 1,0 mm	Conforme . According to Conforme . Gemäss		
Rettilineità degli spigoli . Straightness Equerrage des angles . Kantengeradheit			± 0,4 mm	± 0,3 %	± 0,8 mm	Conforme . According to Conforme . Gemäss		
Ortogonalità** . Rectangularity** Orthogonalité . Rechtwinkligkeit			± 0,4 mm	± 0,3 %	± 1,5 mm	Conforme . According to Conforme . Gemäss		
Planarità . Flatness Planéité . Planität			± 0,6 mm	± 0,4 %	± 1,8 mm	Conforme . According to Conforme . Gemäss		
Spessore . Thickness Épaisseur . Stärke	ISO 10545-2		± 0,5 mm	± 5 %	± 0,5 mm	Conforme . According to Conforme . Gemäss		
Assorbimento % d'acqua . Water absorption Absorption d'eau . Wasseraufnahme	ISO 10545-3		Ev ≤ 0,5%			Conforme . According to Conforme . Gemäss		
Determinazione della resistenza a flessione e della forza di rottura Flexion and break resistance Résistance à la flexion et à la force de ropture Biegefestigkeit und Bruchlast	ISO 10545-4		Spessore ≥ 7,5 mm	<div><div>S ≥ 1300</div><div>R ≥ 35 N/mm²</div></div>		Conforme . According to Conforme . Gemäss		
Determinazione della resistenza all'abrasione profonda (porcellanato non smaltato) UGL Deep Scratch Resistance (unglazed porcelain) UGL Résistance à l'abrasion profonde (grès cérame) UGL Tiefenverschleissbeständigkeit (unglasierte Feinsteinzeug) UGL	ISO 10545-6		≤ 175 mm³			Conforme According to Conforme . Gemäss		
Coefficiente di espansione termica lineare tra 20° e 100° C Linear thermal expansion 20°C to 100°C Dilatation thermique linéaire entre 20°C et 100°C Lineare Waarme-ausdehnung zwischen 20°C und 100°C	ISO 10545-8		Metodo di prova disponibile . Test method available Méthode d'essai disponible . Prüfverfahren verfügbar			Conforme . According to Conforme . Gemäss		
Resistenza agli sbalzi termici . Thermal shock resistance Résistance aux écarts de Température . Temperaturwechselbestaendigkeit	ISO 10545-9		Metodo di prova disponibile . Test method available Méthode d'essai disponible . Prüfverfahren verfügbar			Conforme . According to Conforme . Gemäss		
Resistenza al gelo . Frost resistance Résistance au gel . Frostbeständigkeit	ISO 10545-12		Metodo di prova disponibile . Test method available Méthode d'essai disponible . Prüfverfahren verfügbar			Conforme . According to Conforme . Gemäss		
Reazione al fuoco . Reaction to fire Réaction au feu . Brandverhalten	-		Classe A1 oppure A1fl - Class A1 or A1fl Categorie A1 ou A1fl - Klasse A1oder A1fl			A1-A1fl		
Determinazione della resistenza chimica . Chemical resistance Résistance chimique . Chemikalienbeständigkeit	ISO 10545-13		Classe UB minimo (UGL) - GB minimo (GL) Class UB min (UGL) - GB min (GL) Clase UB min (UGL) - GB min (GL) Klasse UB min (UGL) - GB min (GL)			UA ULA UHA		
Determinazione della resistenza alle macchie . Resistance to staining Résistance aux taches . Beständigkeit gegen Fleckenbil	ISO 10545-14		Classe 3 minimo . Class 3 min Clase 3 min . Klasse 3 min			Conforme . According to Conforme . Gemäss		
Resistenza allo scivolamento . Slip resistance Résistance au glissement . Bestimmung der Rutschemmungsfähigkeit	DIN EN 16165 (previously DIN 51130)		Classificazione R . Classification R Evaluación R . Klassifizierung R			R9	R11	R11
Resistenza allo scivolamento - superfici bagnate calpestio a piedi scalzi Résistance au glissement - surfaces mouillées passage à pieds nus Bestimmung der Rutschemmungsfähigkeit - nasse Oberfläche - Barfuß-gehen Coefficient of friction - dry surfaces walking on barefoot	DIN EN 16165 (previously DIN 51097)		Classificazione A B C - Evaluación A B C Klassifizierung A B C - Classification A B C			A	A+B+C	A+B+C
Resistenza allo scivolamento - coefficiente di attrito dinamico (DCOF) Slip resistance - dynamic friction coefficient Résistance au glissement - resistance de frottement dynamique Bestimmung der Rutschemmungsfähigkeit - dynamischer reibungskoeffizient	ANSI A326.3		-			≥ 0,42	≥ 0,55	≥ 0,55
Coefficiente di attrito dinamico - Resistance de frottement dynamique Dynamischer reibungskoeffizient - Dynamic friction coefficient	METODO B.C.R.A		D.M.I. Giugno 1989 n.236 (μ > 0,40)			Conforme . According to Conforme . Gemäss		

**GRADO DI VARIAZIONE CROMATICA** Ogni prodotto si caratterizza per un grado di stonalizzazione variabile da prodotto a prodotto, da colore a colore.  
Per stonalizzazione s'intende variazione di gradazione cromatica da piastrella a piastrella.  
COLOUR SHADE VARIATION Every product is characterised by colour-shading that can vary from one product to another and from one colour to another.  
When referring to colour-shading we refer to the chromatic variation of the tile surface.



Prodotto con marcata variazione cromatica  
Product with a marked chromatic variation

CERAMICS. A SAFE CHOICE.



HYGIENIC

Ceramic material is easy to clean, hygienic and practical; all it takes is a simple, neutral detergent to remove dirt and restore it to its original splendour.



HEALTHY

Thanks to its physical characteristics, ceramic material does not release any harmful substances or VOC (volatile organic substances) into the environment we live in, nor does it give off odours.



WEAR RESISTANT

Porcelain stoneware is an ultra-compact technical material, extremely resistant to wear, tread, shock, scratching and heavy loads.



STAIN RESISTANT

Ceramic material is resistant to stains and is not damaged by the use of solvents and detergents.



FROST PROOF

Porcelain stoneware is resistant to frost and to all kinds of attack from the elements, making it the ideal product also for outdoors.



VERSATILE

All sorts of style and design variants are possible with ceramics, thanks to the wide availability of different sizes, thicknesses, finishes and colours. It can also be used anywhere, on both floors and walls, indoors or outdoors, in residential or public settings.





## HYGIENIC

Ceramic material is easy to clean, hygienic and practical; all it takes is a simple, neutral detergent to remove dirt and restore it to its original splendour.



## HEALTHY

Thanks to its physical characteristics, ceramic material does not release any harmful substances or VOC (volatile organic substances) into the environment we live in, nor does it give off odours. Porcelain tiles contain no PVC, plastic or petroleum derivatives.



## WEAR RESISTANT

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## STAIN RESISTANT

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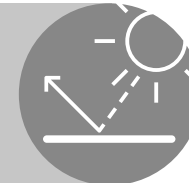
## FROSTPROOF

Porcelain stoneware is resistant to frost and to all kinds of attack from the elements, making it the ideal product also for outdoors.



## ECO-SUSTAINABLE PRODUCTION

The company's production process uses a system that collects and re-uses production waste, processing water and the heat generated during the production process, thus limiting the consumption of energy and raw materials, for a more sustainable economy and lower environmental impact.



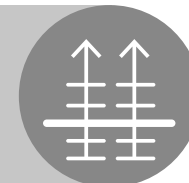
## RESISTANT TO UV RAYS: LASTING COLOUR STABILITY

Ceramic material does not fade even after lengthy exposure to sunlight, and maintains its aesthetic and technical characteristics over time.



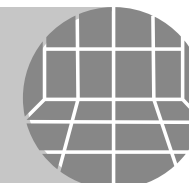
## FIRE PROOF

Resistant to fire and does not emit smoke upon combustion.



## IDEAL FOR UNDERFLOOR HEATING

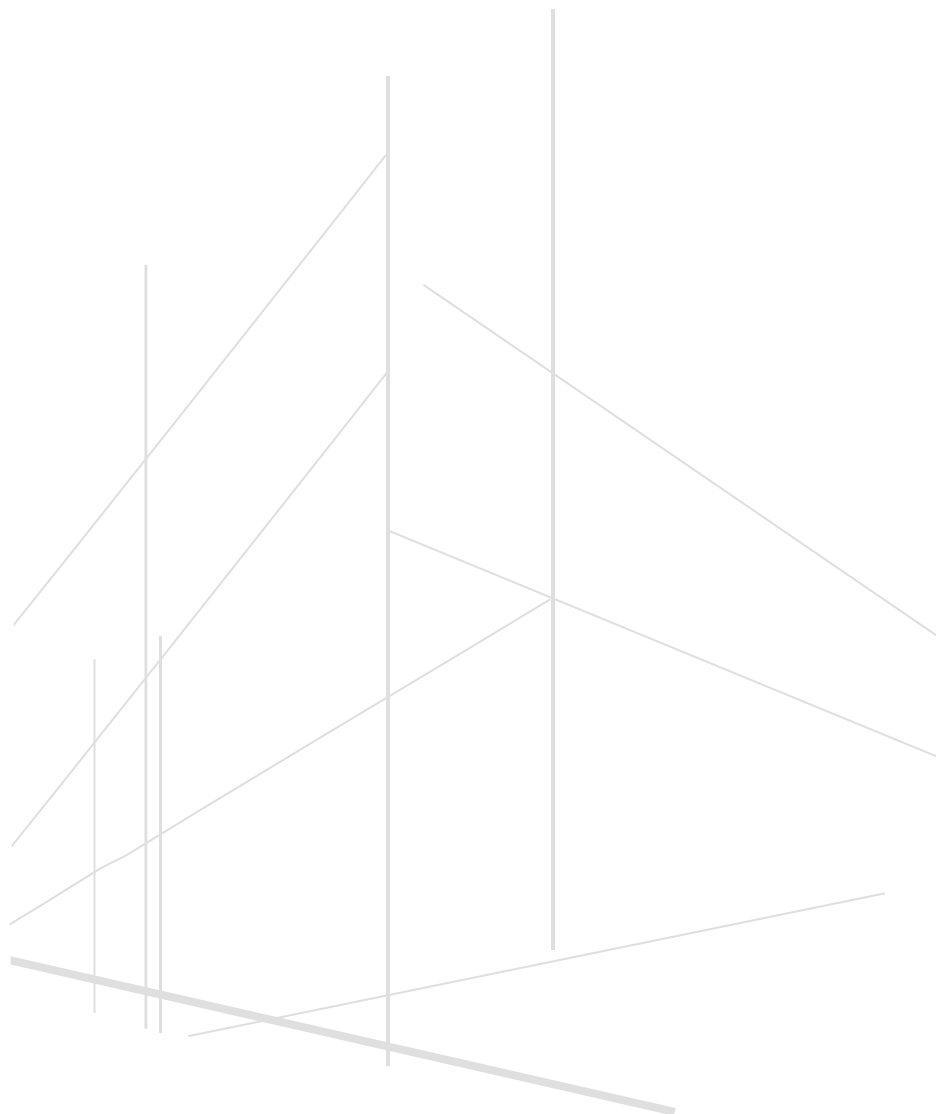
An excellent conductor of heat, porcelain stoneware warms up quickly and releases heat into the air immediately, making it possible to keep the heating system working temperatures lower.



## VERSATILE

All sorts of style and design variants are possible with ceramics, thanks to the wide availability of different sizes, thicknesses, finishes and colours. It can also be used anywhere, on both floors and walls, indoors or outdoors, in residential or public settings.





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# QUANTUM

TILES. STONE. CORK.

**Improving life's spaces.**

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