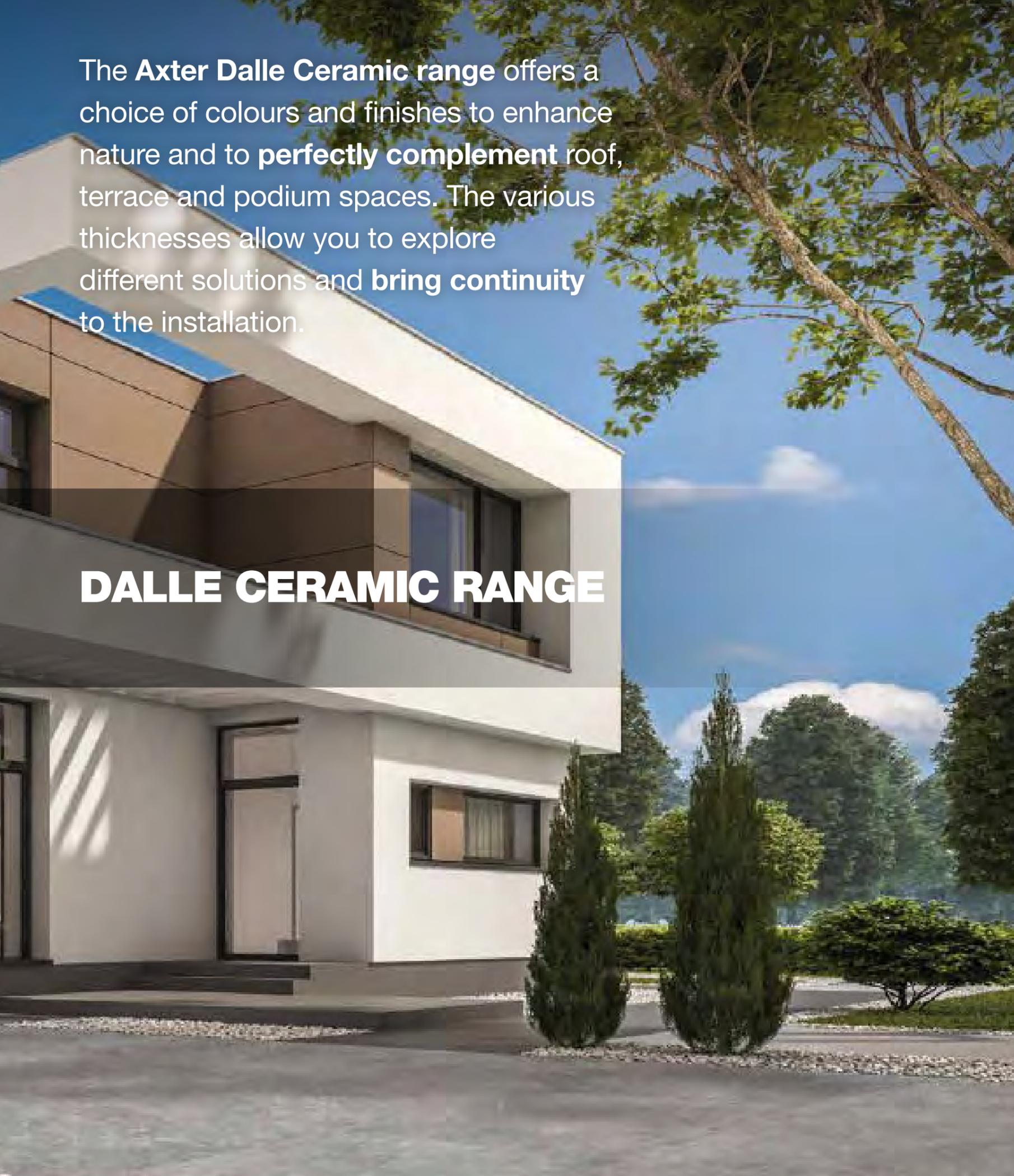




DALLE CERAMIC TILES

Rethinking waterproofing. Reimagining the built environment.

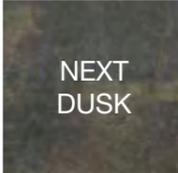
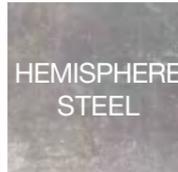


The **Axter Dalle Ceramic** range offers a choice of colours and finishes to enhance nature and to **perfectly complement** roof, terrace and podium spaces. The various thicknesses allow you to explore different solutions and **bring continuity** to the installation.

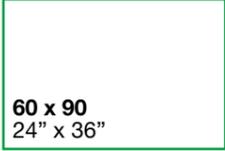
DALLE CERAMIC RANGE

BET	04
BLUE LABEL	05
BORDEAUX	07
HEMISPHERE	09
MATERIA	12
NEXT	14
OCEAN BLACK	15
PAUW	17
UNIKA	19
TRENDWOOD	22
BADIA	23

ALL COLOURS

 PAUW DARK	 PAUW LIGHT	
 BET INDIAN SUMMER	 NEXT DUSK	
 HEMISPHERE IRON	 HEMISPHERE LAGUNE	 HEMISPHERE STEEL
 OCEAN BLACK ABYSS	 OCEAN BLACK ROCK	 OCEAN BLACK WIND
 MATERIA ANTRACITE	 MATERIA GRAFITE	 MATERIA GRIGIO
 BLUE LABEL GRAPHITE	 BLUE LABEL STEEL	 MATERIA BEIGE
 UNIKA CARBON	 UNIKA SMOKE	 UNIKA SAND
 HEMISPHERE COPPER	 HEMISPHERE GOLD	 OCEAN BLACK SAND
 BORDEAUX ACIER	 BORDEAUX PIERRE	 BORDEAUX SABLE

ALL SIZES

 60 x 60 24" x 24"	 30 mm
	 20 mm
 60 x 90 24" x 36"	 20 mm
 90 x 90 36" x 36"	 30 mm
	 20 mm



Frost resistant



Resistant to sudden changes in temperature



Resistant to salt



Resistant to acid/chemicals



Resistant to damage from mould and moss



Antislip



Impervious



Colours do not fade over time



Quick and easy to install



Easy to remove



Reusable



Extremely long-lasting



Readily serviceable



Installation with adhesive possible



Highly resistant to loads



Wide range of finishes



Allows water drainage



Easy to clean

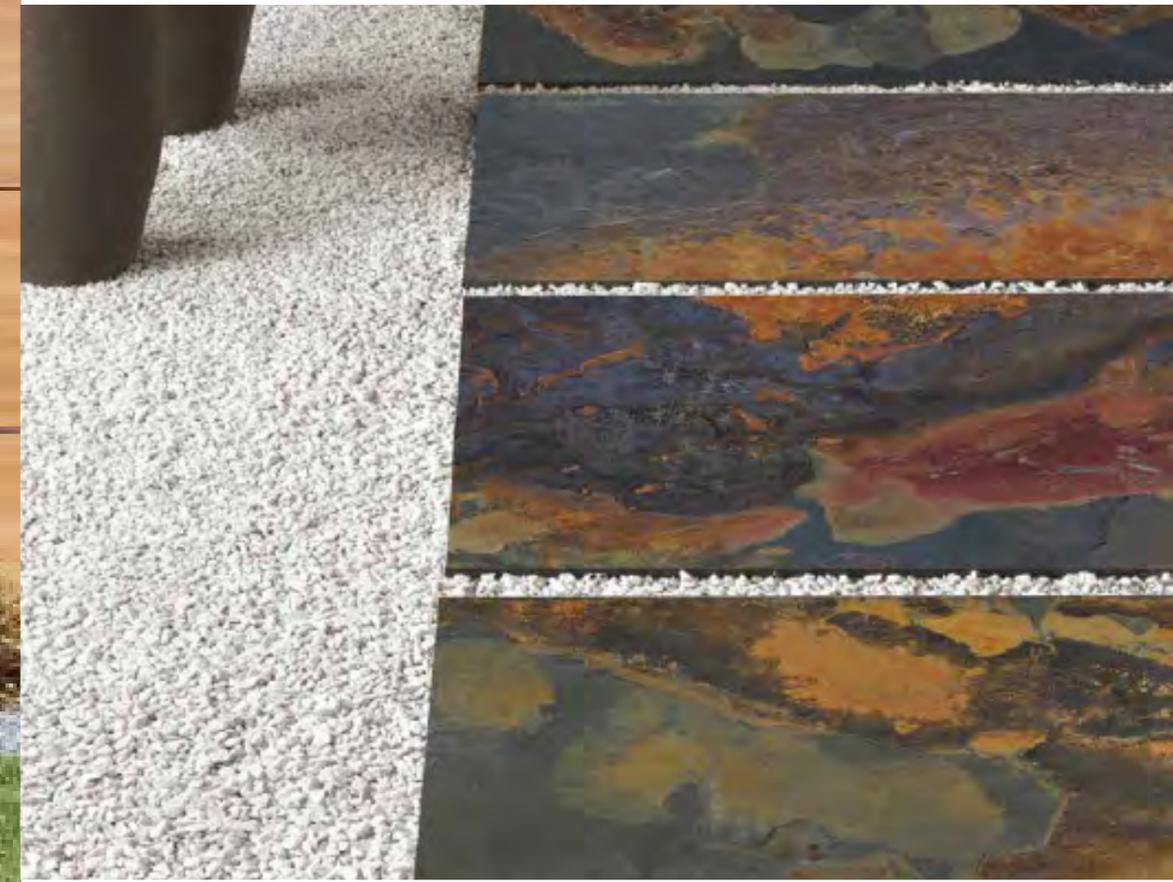
INFORMATION



04 BET 
20 mm

INDIAN SUMMER

60 x 90 Rect.
24" x 36" Rect.
20mm



Size

60 x 90
24" x 36"
Rectified



Colours

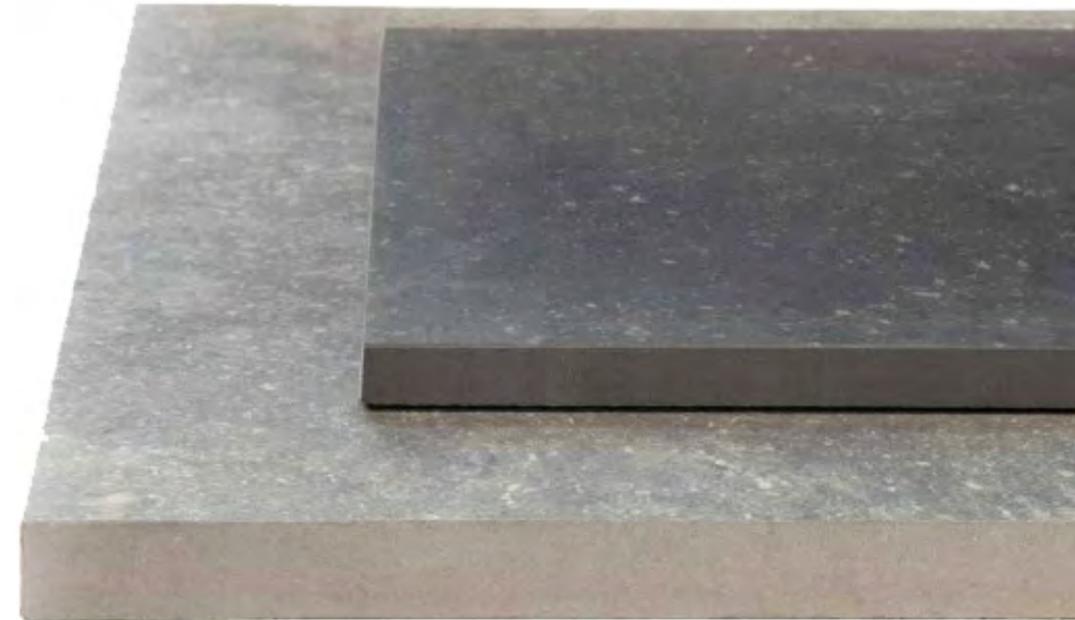




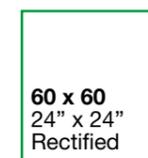
BLUE LABEL GRAPHITE

60 x 60 Rect.
24" x 24" Rect.
20mm

05 BLUE LABEL



Size



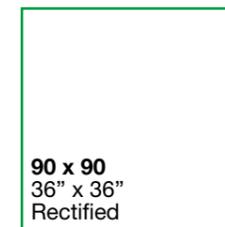
60 x 60
24" x 24"
Rectified



30 mm



20 mm



90 x 90
36" x 36"
Rectified



30 mm



20 mm

10mm indoor version available.

Colours



GRAPHITE



STEEL



BLUE LABEL STEEL

90 x 90 Rect.
36" x 36" Rect.
20mm



BORDEAUX SABLE

60 x 90 Rect.
24" x 36" Rect.
20mm

07 BORDEAUX 20 mm



Size

60 x 90
24" x 36"
Rectified



20 mm

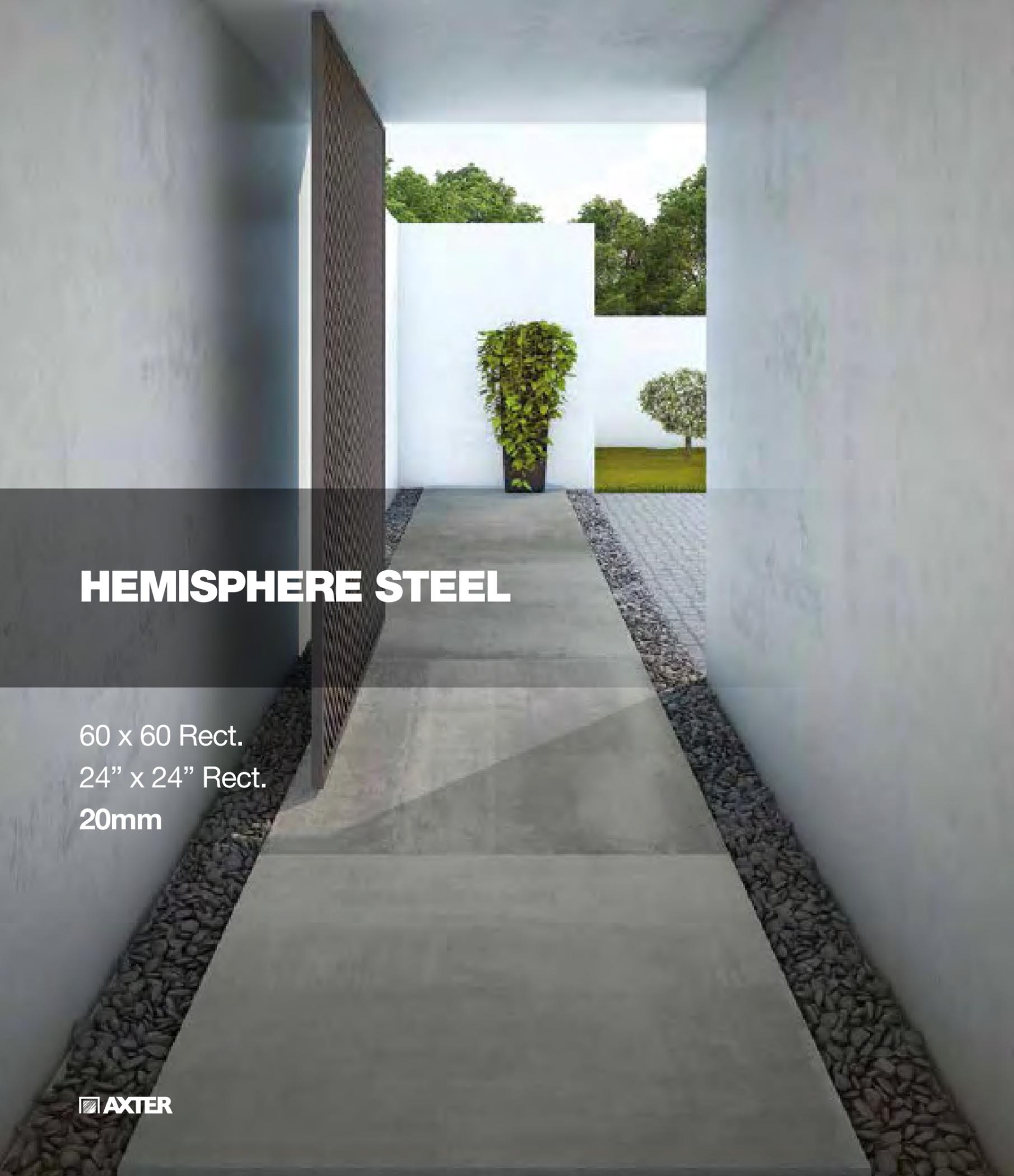
10mm indoor version available.

Colours



BORDEAUX ACIER

60 x 90 Rect.
24" x 36" Rect.
20mm



HEMISPHERE STEEL

60 x 60 Rect.
24" x 24" Rect.
20mm

09 HEMISPHERE

20 mm



Size

60 x 60
24" x 24"
Rectified



20 mm

10mm indoor version available.

Colours



A woman in a white bikini is relaxing on a wooden lounge chair with white cushions. She is wearing sunglasses and has a laptop open on her lap. A straw hat and a drink are on a small table next to her. The pool is rectangular and filled with clear blue water. In the background, there is a large lagoon with turquoise water, surrounded by lush green hills and a thatched-roof building on the left. The sky is blue with scattered white clouds.

HEMISPHERE LAGUNE

60 x 60 Rect.
24" x 24" Rect.
20mm

A modern outdoor patio area featuring a wooden deck. In the foreground, a tree with green leaves stands on a gravel bed. In the background, a building with large glass windows and a set of stairs is visible. The scene is brightly lit, suggesting a sunny day.

HEMISPHERE COPPER

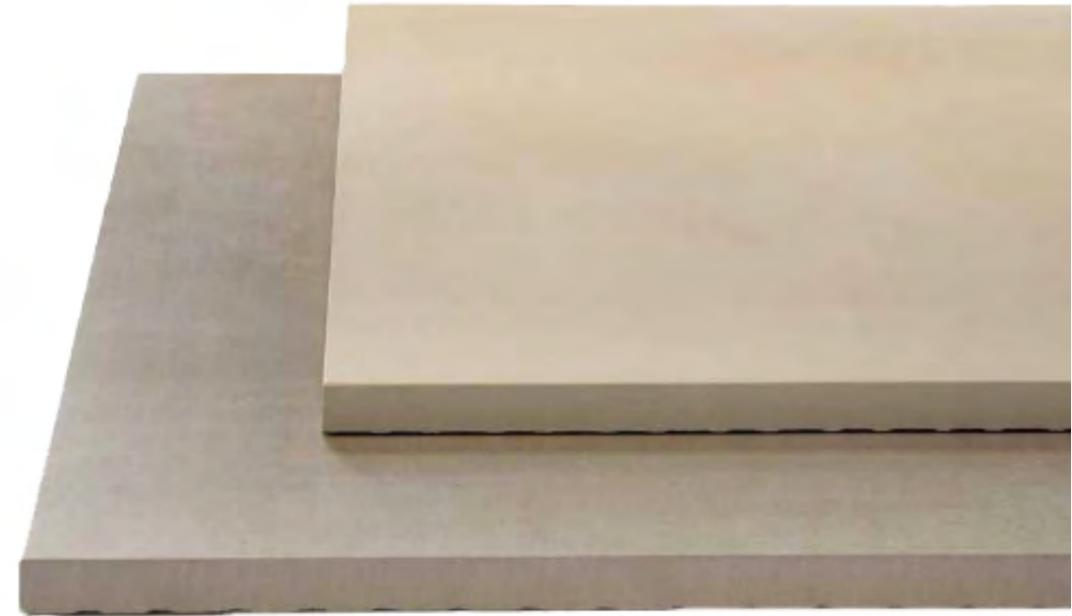
60 x 60 Rect.
24" x 24" Rect.
20mm



MATERIA BEIGE

60 x 60 Rect.
24" x 24" Rect.
20mm

12 MATERIA 20 mm



Size

60 x 60
24" x 24"
Rectified



20 mm

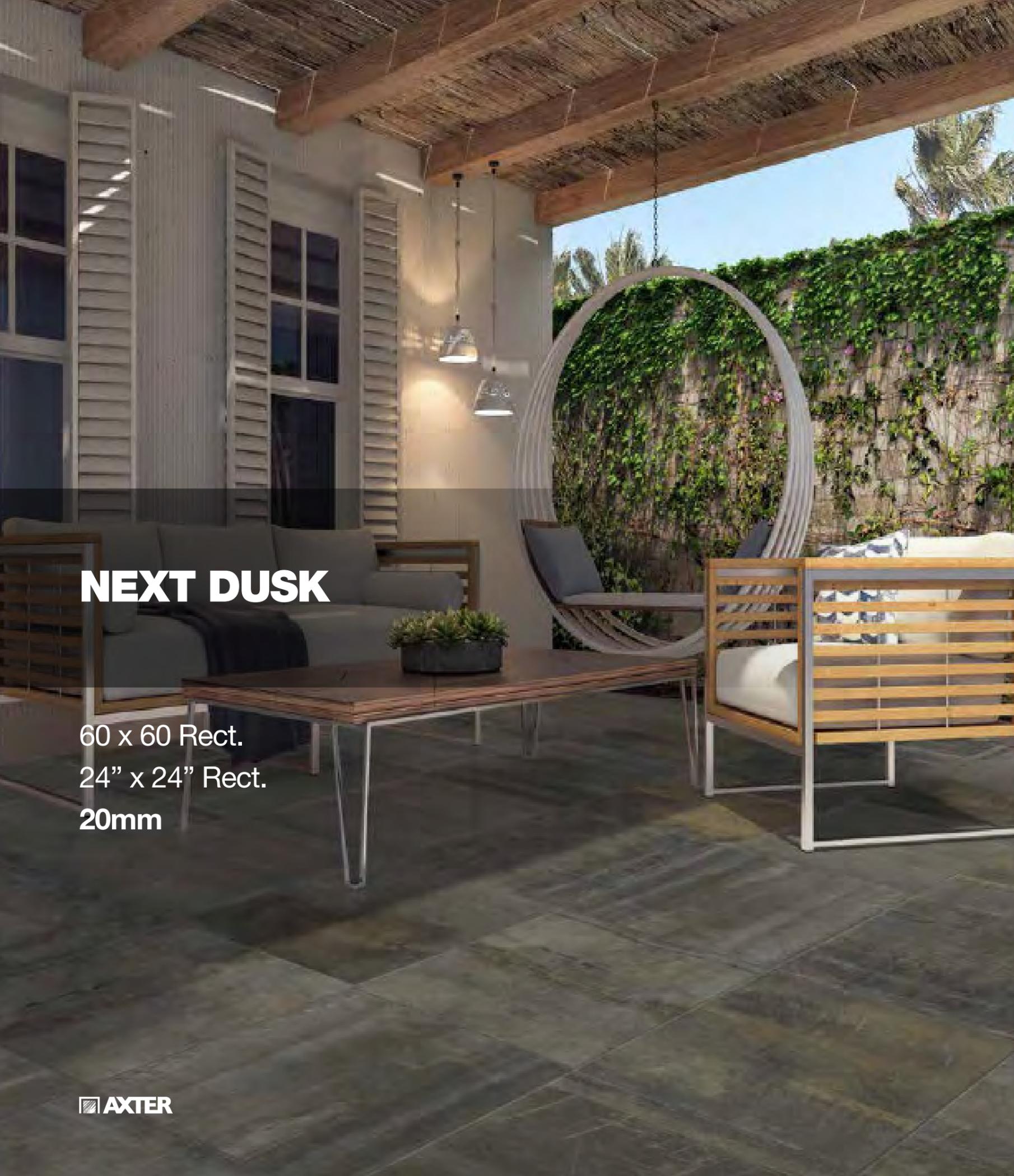
10mm indoor version available.

Colours



MATERIA ANTRACITE

60 x 60 Rect.
24" x 24" Rect.
20mm



NEXT DUSK

60 x 60 Rect.
24" x 24" Rect.
20mm

14 NEXT DUSK 20 mm

Size

60 x 60
24" x 24"
Rectified



20 mm

Colours



DUSK



OCEAN BLACK ROCK

60 x 60 Rect.
24" x 24" Rect.
20mm

15 OCEAN BLACK

20 mm



Size

60 x 60
24" x 24"
Rectified

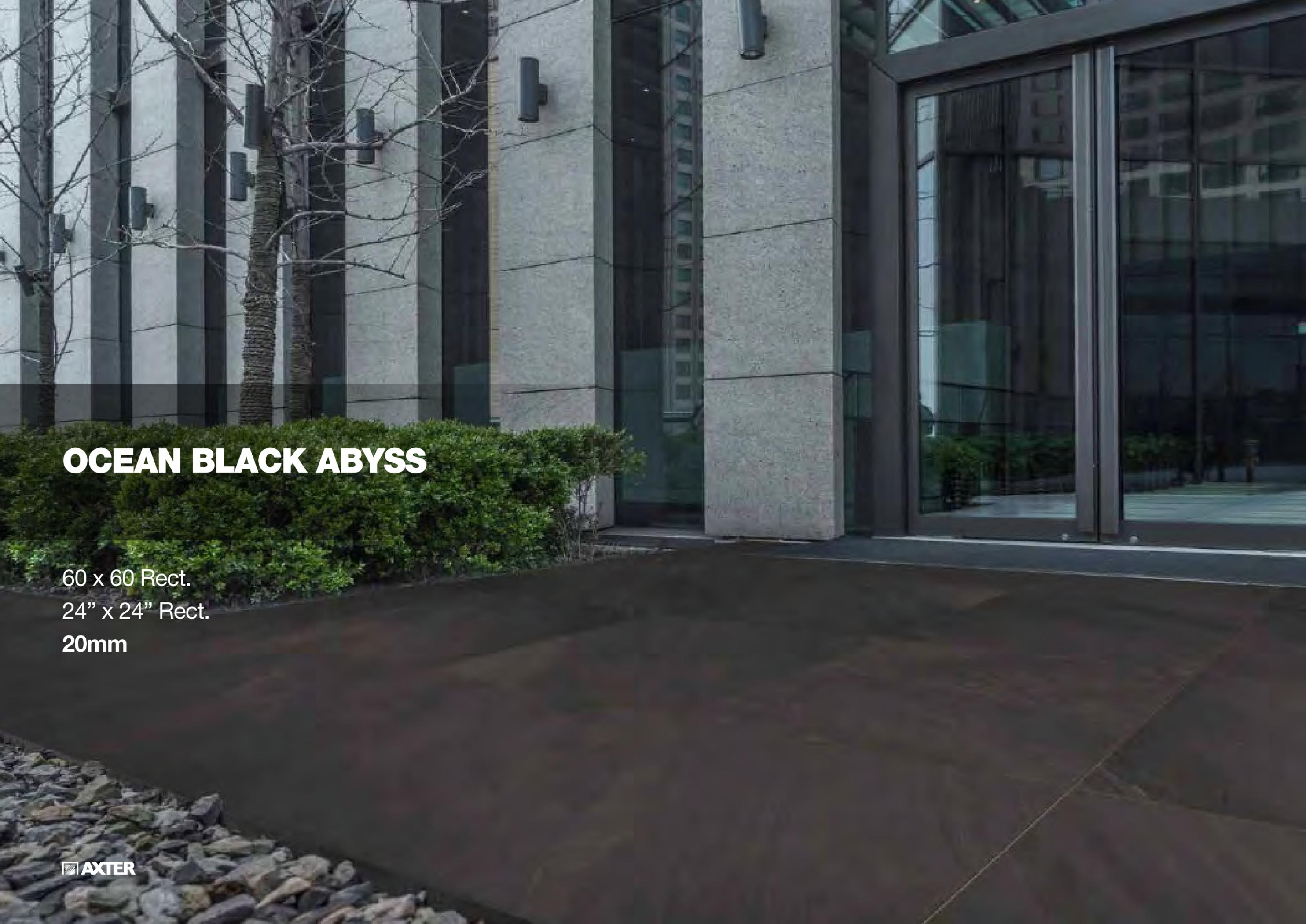


20 mm

10mm indoor version available.

Colours





OCEAN BLACK ABYSS

60 x 60 Rect.
24" x 24" Rect.
20mm



PAUW DARK

60 x 60 Rect.
24" x 24" Rect.
20mm

17 PAUW 



Size

60 x 60
24" x 24"
Rectified



20 mm

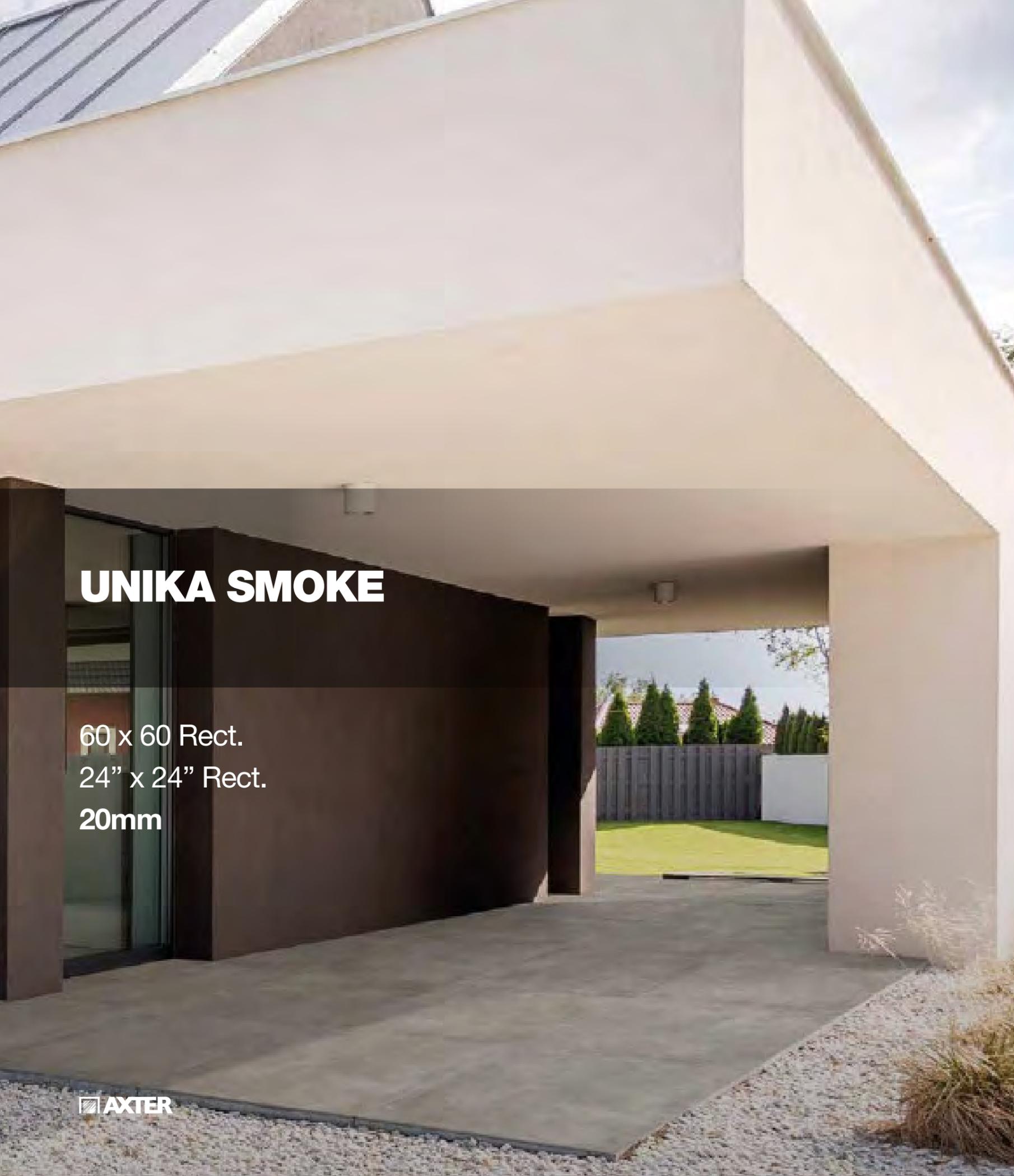
Colours





PAUW LIGHT GREY

60 x 60 Rect.
24" x 24" Rect.
20mm



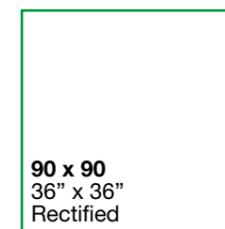
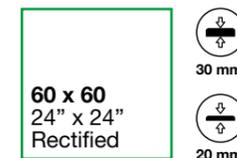
UNIKA SMOKE

60 x 60 Rect.
24" x 24" Rect.
20mm

19 UNIKA



Size



Colours



10mm indoor version available.

UNIKA SMOKE

90 x 90 Rect.
36" x 36" Rect.
30mm

Technical and installation guidance

The outdoor laying of single-fired ceramic products must comply with certain fundamental standards so that this roof finish is flawless and resistant to frost. The most important points and parameters are the following:

- Slope: the deck must have a minimum slope of 2% (2 cm of lowering for each linear metre).
- Use of expansion joints: to compensate the expansion due to heat or the shrinking due to frost, we recommended that, every 3 metres, expansion joints are used that pass over the bearing layer, up

to the waterproof layer: expanded material and insulating material are used for filling the joints.

- Separating layer: used for preventing tension and damage to the waterproof layer.
- Damp-proof course: used for preventing humidity and water from coming through.
- Thermal insulation layer: to be made with insulating materials.
- Water barrier: placed under the insulating layer using sheets of plastic laid over bitumized perforated cardboard.

- When setting the tiles, please check tone, calibre and choice. Our material is deliberately produced and chosen with slight differences in shade which underline the colour effect. It is absolutely necessary to use tiles from different boxes when installing. The use of defective material or material different from the order implies acceptance of the product quality and complaints cannot be accepted. Complaints about material already installed will not be accepted.

INSTALLATION



PACKAGING AND WEIGHTS

PLUS  
20 mm 30 mm

SIZE	PCS	M ²	KG	BOX	M ²
60X60 plus . 24"X24" thickness 20mm	2	0.72	32.45	30	21.60
60X60 plus . 24"X24" thickness 30mm	1	0.36	24.00	40	14.40
60X90 plus . 24"X36" thickness 20mm	1	0.54	25.00	49	26.46
90X90 plus . 36"X36" thickness 20mm	1	0.81	36.00	20	16.20
90X90 plus . 36"X36" thickness 30mm	1	0.81	50	20	16.20

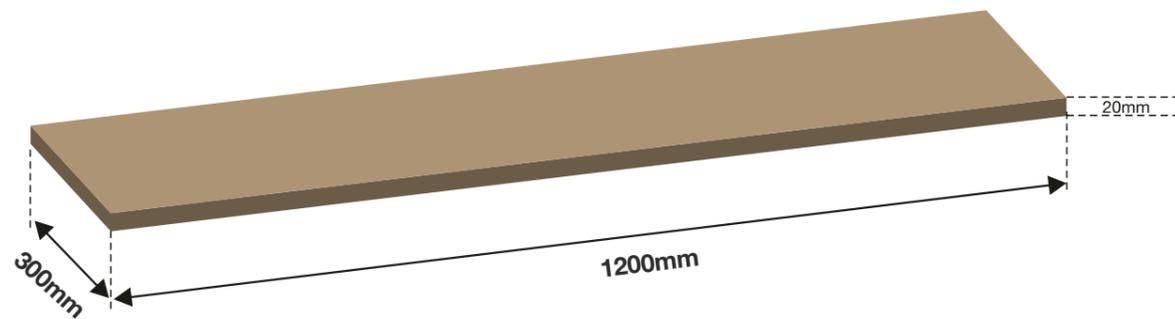
TECHNICAL SPECIFICATION

	TECHNICAL SPECIFICATION	REGULATION	EN 14411 ISP 13006 REQUIRED STANDARDS	PLUS
	Frost resistant	UNI EN ISO 10545-12 ASTM C1026	Resistant	Frost resistant
	Slip resistant	DIN 51130	R	R11
	Dynamic coefficient of friction	ANSI A137-1:2012	≥ 0.42	M > 0.42
	Hardness in MOHS degrees	UNI EN 101-1992	MOHS	5
	Water absorption	UNI EN ISO 10545-3	≤ 0.5 %	0.08 %
	Resistance to straining	UNI EN ISO 10545-14	Enamel ≥ 3	Class 5
	Chemical resistance	UNI EN ISO 10545-13	≤ GB	A/LA
	Resistance to thermal shocks	UNI EN ISO 10545-9	Resistant	Resistant
	Flexural-breaking strength	UNI EN ISO 10545-4	Resistant	39 < R > 45 N/mm ²
	Reaction to fire	BS EN 14411:2016	A1 / A1FL fire rating	A1 /A1 _{FL}

Designed to create an inside look to any outdoor environment that begins inside and carries through, creating one beautiful space. **Create your perfect outdoor space** with a wide range and colours of luxury Porcelain and enjoy whatever the weather.

TRENDWOOD

Board dimensions
1200mm x 300mm x 20mm



TRENDWOOD GREY



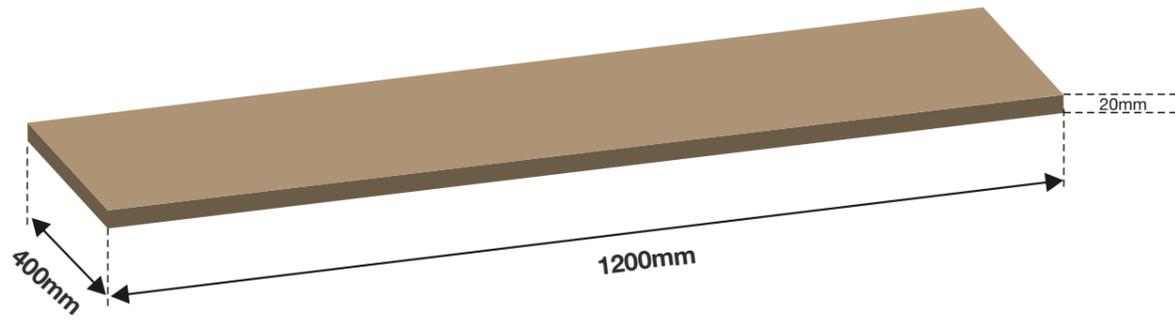
TRENDWOOD ANTHRACITE

TECHNICAL SPECIFICATION					
REGULATION	TECHNICAL CHARACTERISTICS		REQUIRED VALUES	TEST RESULTS	
	BS EN 14411:2016	Reaction to fire		A1 / A1 _{FL} fire rating	A1 / A1 _{FL}
	ISO 10545-2	Dimensions and surface quality	Length and width (cm)	190<S" 410 ± 0.75% S>410 ±0.6%	+0.4%
	ISO 10545-3	Water absorption	Length and width (cm)	0.5%	+0.5%
	ISO 10545-4	Breaking strength (Newton)	Thickness >7.5mm	S _≥ 1300N	>1700
			Thickness >7.5mm	S _≥ 700N	
		Modulus of rupture (N/mm ²)		R _≥ 35N/mm ²	>38
	ISO 10545-5	Impact resistance by measurement of coefficient restitution		Test method available (mg/dm ²)	Affirmative
	ISO 10545-7	Resistance to surface abrasion-intended for use on floors		Reported abrasion class and cycles	Class: 1-2-3-4-5
	ISO 10545-11	Determination of linear thermal expansion (100°C)		Test method available	Affirmative
	ISO 10545-12	Frost resistance		Required	GLA/GLB
	ISO 10545-13	Resistance to low concentration of acids and alkalis		Manufacturer to state classification	GLA/GLB
		Resistance to high concentration of acids and alkalis		Test method available	Affirmative
		Resistance to household chemicals and swimming pool salts		Max. GB	Min. GB
	ISO 10545-14	Resistance to stains		Test method available	Min. 3
	ISO 10545-15	Lead and cadmium given off by tiles		Test method available	Pb<0.1 Cd<0.1
	EN101	Surface hardness MOHS			Min. 6
	DIN 51130 DIN 51097 A+B+C	Skid resistance		Where required	R=09-10-11-12-13 Class = A-B-C

EN14411 (ISO 13006) Annex G (normative) Dry pressed ceramic tiles with low water absorption Eⁿ% 0.5 Group Bla GL.

Board dimensions

1200mm x 400mm x 20mm



CASTAGNO



FRASSINO



TECHNICAL SPECIFICATION		
PHYSICAL PROPERTIES	ISO 13006 GROUP BIA REQUIREMENTS	VALUE
Reaction to fire	A1 / A1 _{FL}	A1 / A1 _{FL}
ISO 10545/3 water absorption (%)	Average Value ≤ 0.5 Single Value ≤ 0.6	0.05 0.06
ISO 10545/4 modulus of rupture (n/mm ²)	Average Value ≥ 35 Single Value ≥ 32	48.18 48.09
ISO 10545/4 breaking strength (n)	≥ 700 (thickness < 7.5mm) ≥ 1300 (thickness ≥ 7.5mm)	1988
EN 101 scratch hardness Scale MOHS from 1 to 10	≥ 5	8
ISO 10545/6 resistance to deep abrasion mm ³	175 max	118
ISO 10545/8 coefficient of linear thermal expansion from 20°C to 100°C (10 ⁻⁶ . °C ⁻¹)	Test method available	6.23
ISO 10545/14 resistance to stains Class from 1 to 5	≥ 3	Chrome green in light oil 5 Iodine, alcoholic solution 5 Olive oil 5
ISO 10545/13 resistance household chemicals and swimming pool salts Class ga-gb-gc	Min. GB	1 day, Amm. Chlor. 100g/l GA 1day, Hypochl Sod. 20mg/l GA
ISO 10545/13 resistance to acids and alkalis (low concentration) Class gla-glb-glc	Manufacturer to state classification	4 days, Hydrochloric acid 3% GLA 1 day, Citric acid 100g/l GLA 4 days, Potass. hydrox 30g/l GLA
Resistance to soils (internal test) Class from 1 to 4		1

Disclaimer

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