

#### memories of nature in human live























The joy that beautiful things bring, by making our homes more welcoming and improving our lives.































# the most valuable resource deserves respect

#### 800x1600mm carving + matt surface

We get closer to supply sources, promoting national and European options. We encourage reuse and recycling. Defending the planet means looking ahead, ensuring also the future of our industry

Natural resources are a gift of which humanity must show himself worthy, taking care of them. To slow down unique and finite resources exploitation, we turn our commitment to a growing use of materials renewable and responsible.



## introduction punch

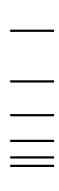
lopato+ cotta punch linear cotta punch punch Our ceramic makes colour tangible, creating a surface on which tactile and visual sensations are permanently contaminated. From every combination of colours and materials comes something new and surprising, theatre of always different emotions.













give your space a personalized touch





### torano bianco

#### 800x1600mm | Carving + Punch Surface | 04 Random

#### torano bianco







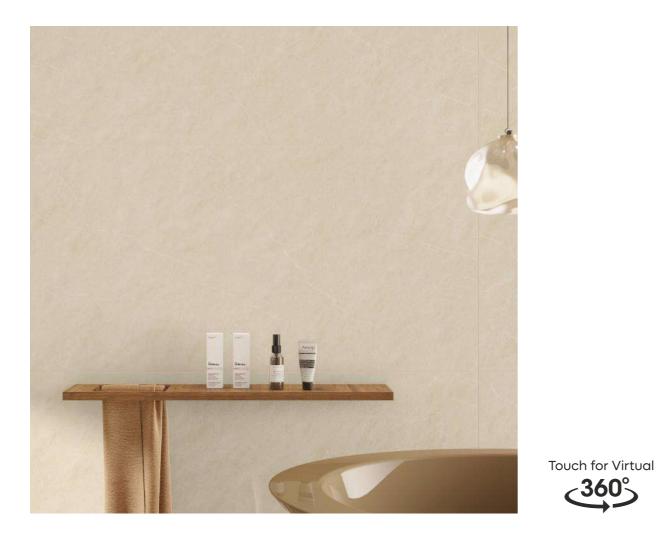




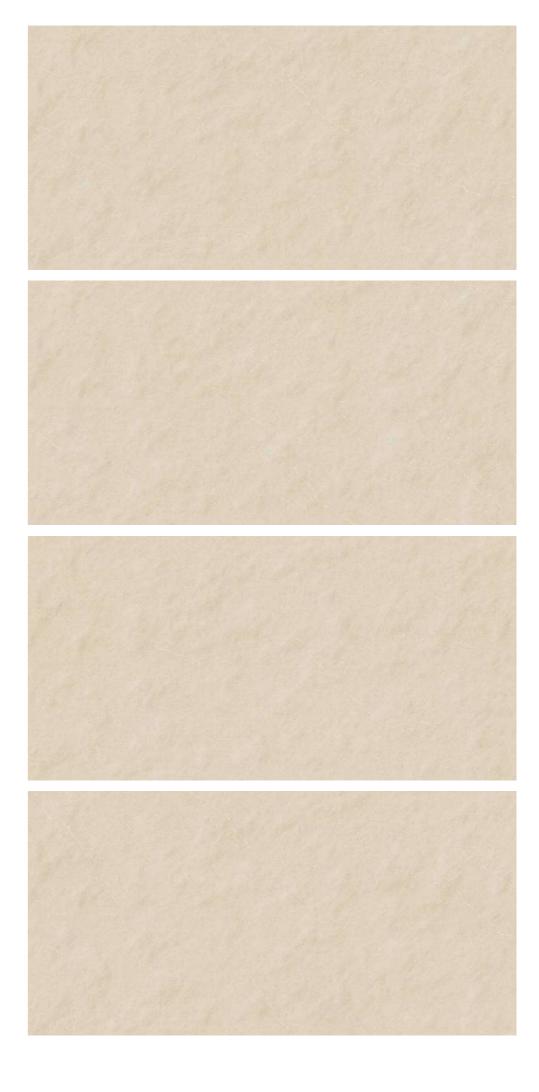


## tectonic almond

#### tectonic almond











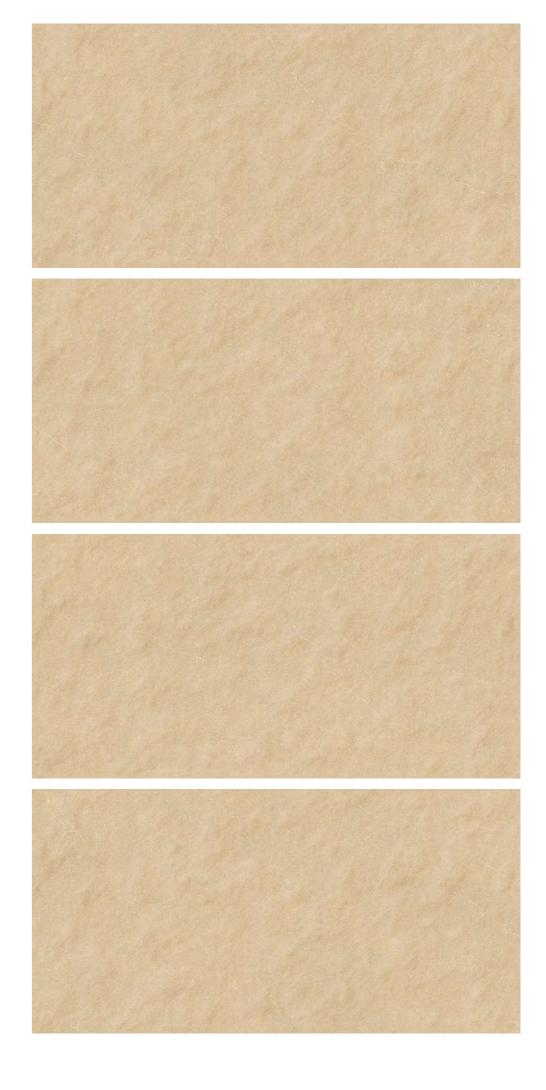
## tectonic sand

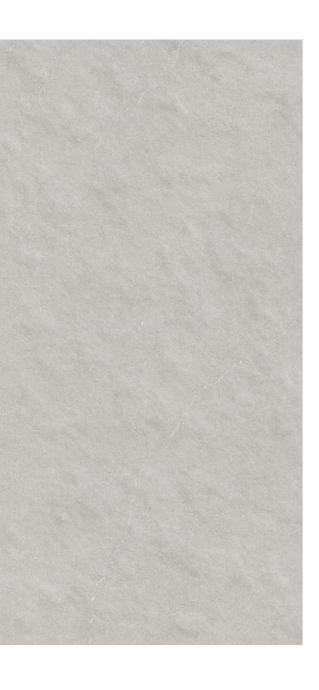
#### tectonic sand

Touch for Virtual









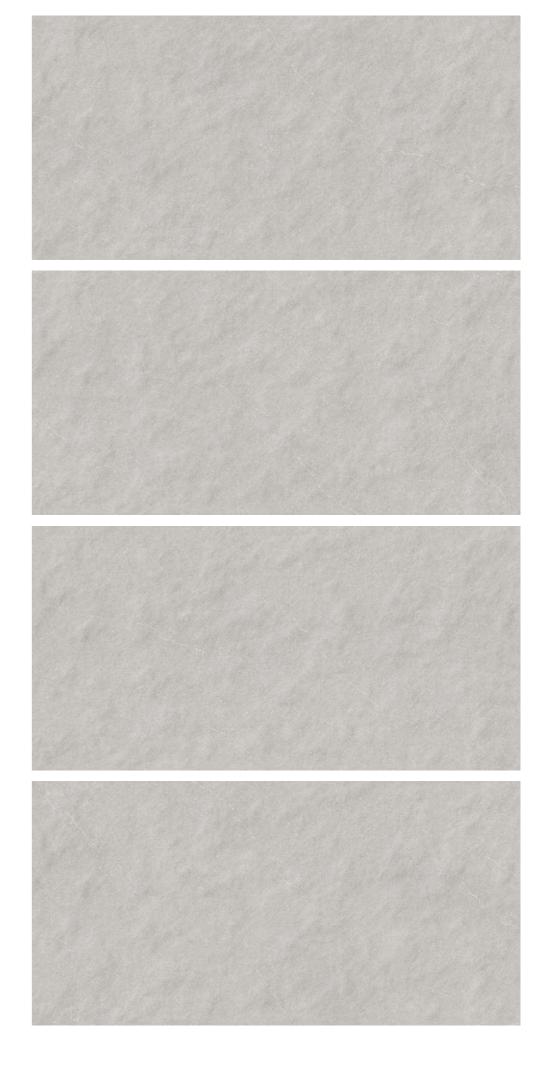


### tectonic grey

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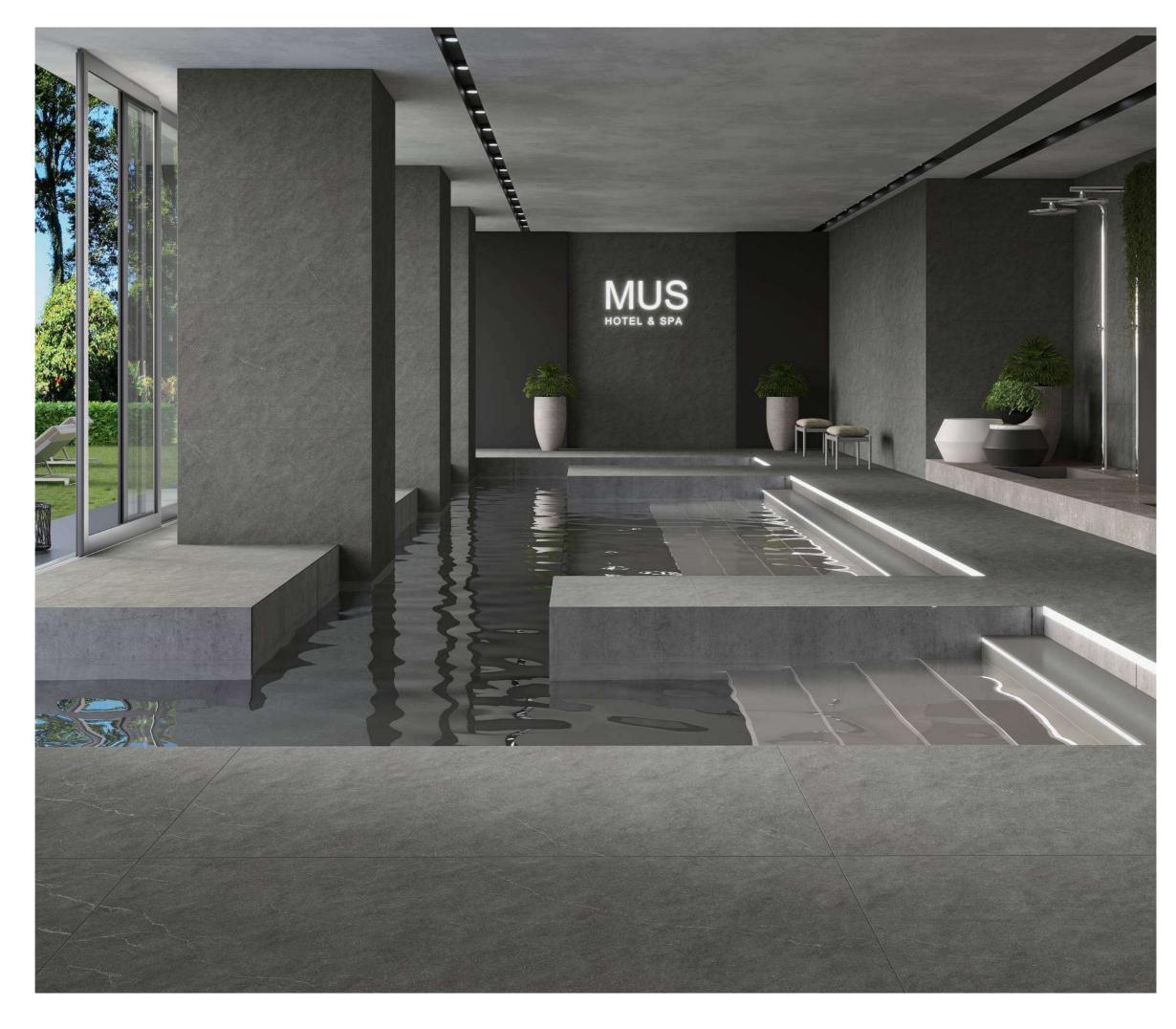












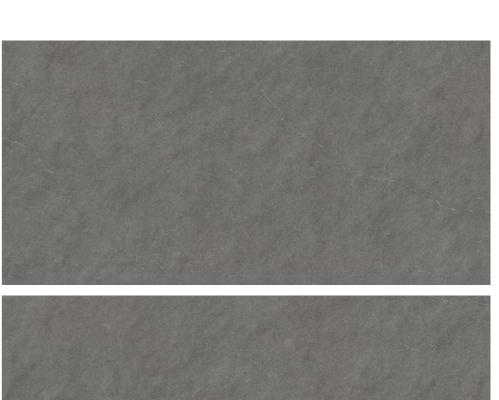
tectonic gris

## tectonic gris



















## matrium peach

## matrium peach





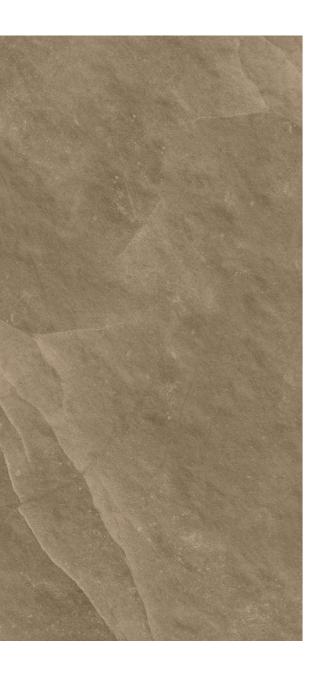














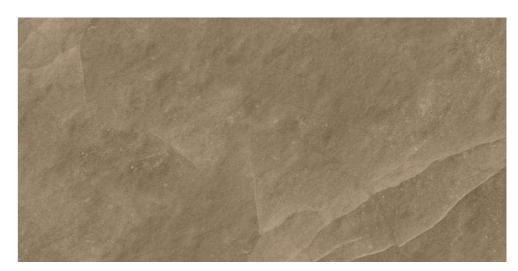
## matrium caramel

#### matrium carame



















#### matrium nacar

#### matrium nacar





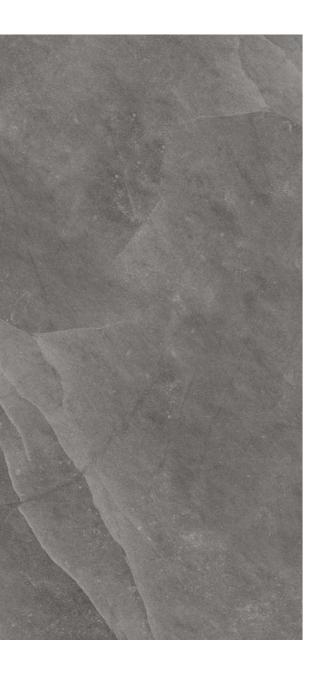














matrium slate

### matrium slate



















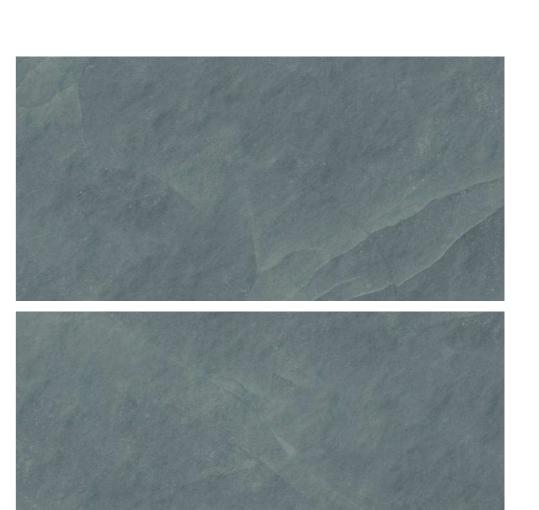
## matrium blu

#### matrium blu











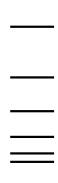
















## We design living consider the environment





## iceland cielo

#### iceland cielo



















iceland aqua

## iceland aqua













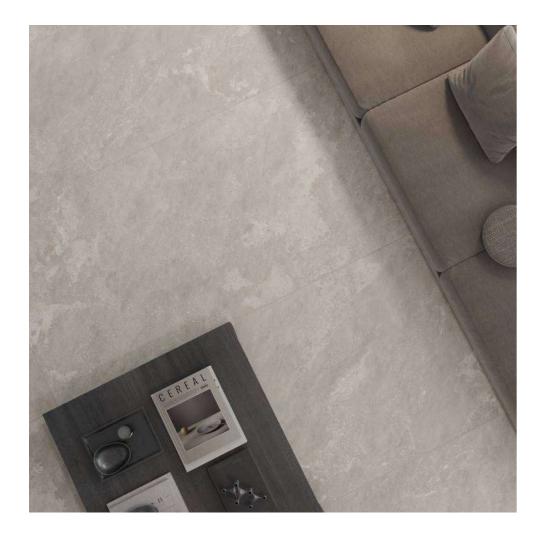






cotta silver

## cotta silver







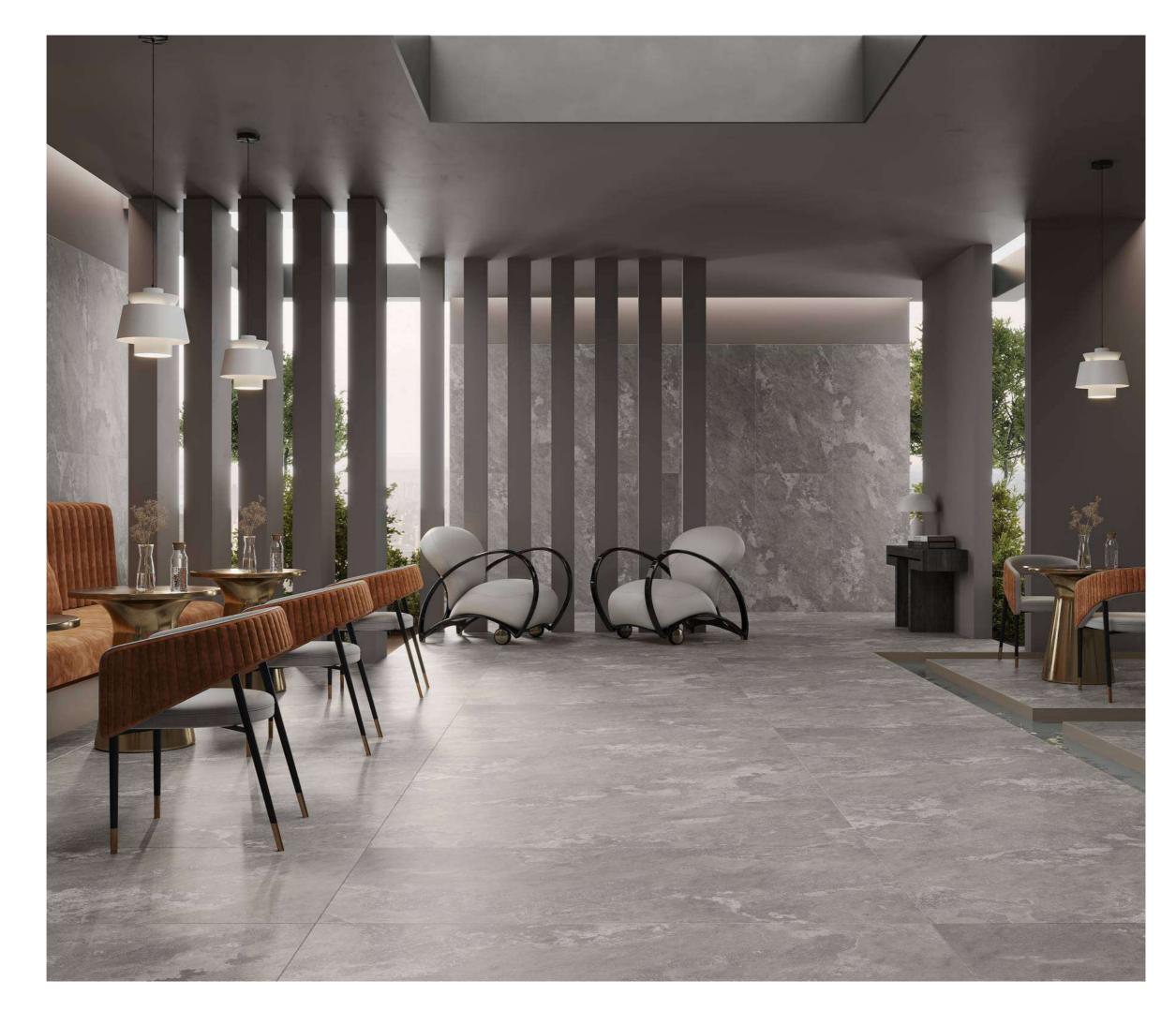








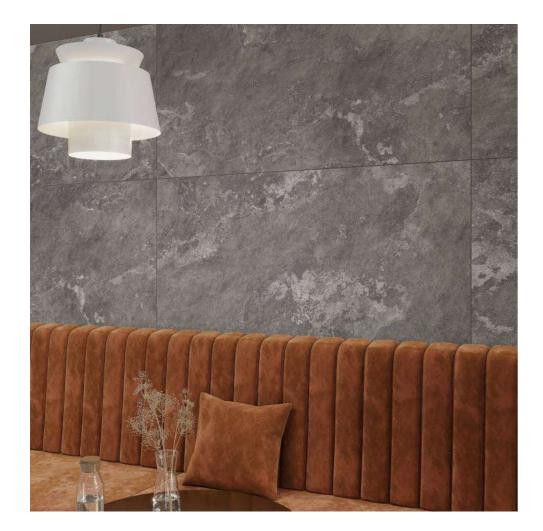




cotta grafito

#### 800x1600mm | Carving + Punch Surface | 04 Random

## cotta grafito







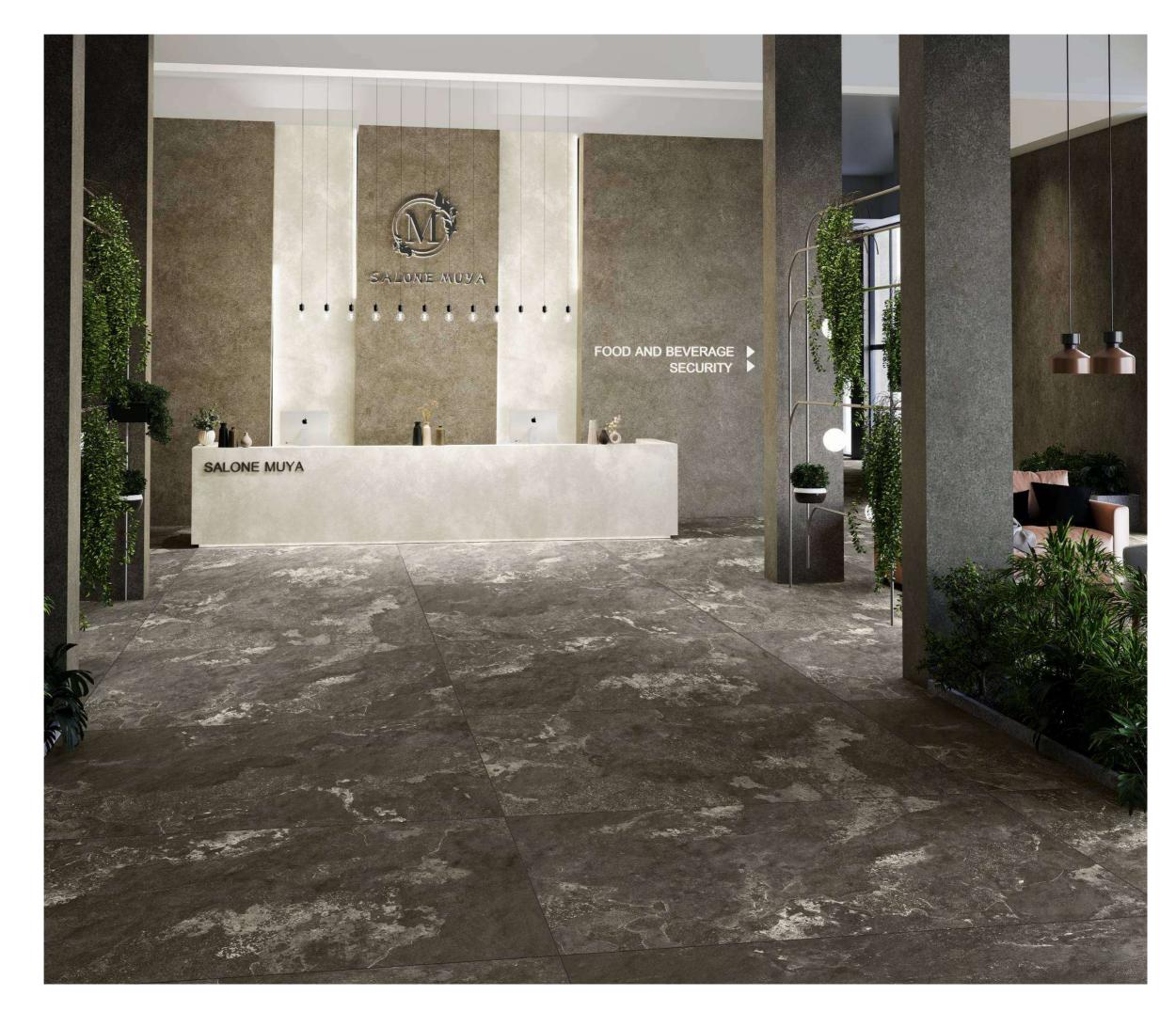








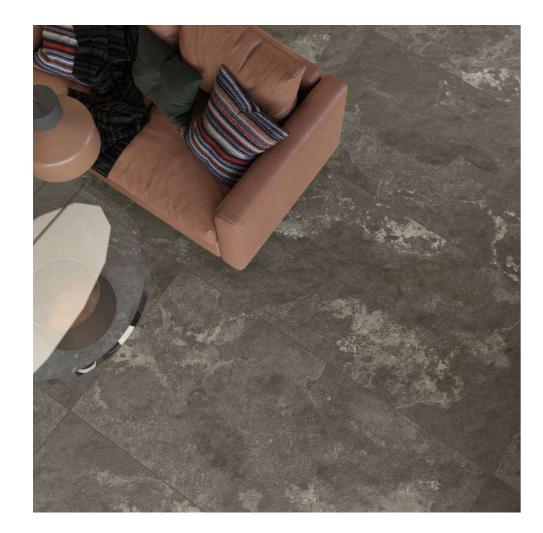




#### cotta verde

## cotta verde

#### STONECRAFT collection













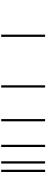




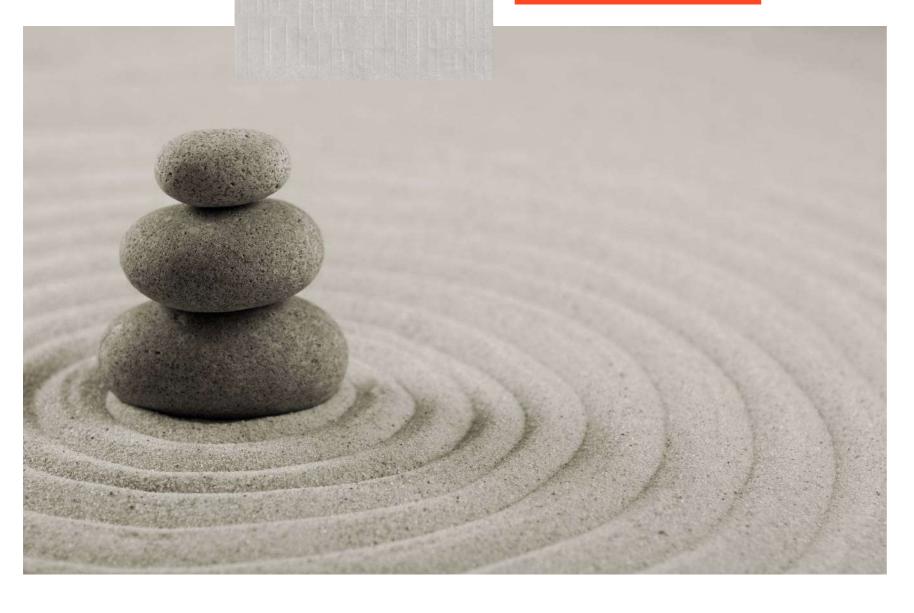








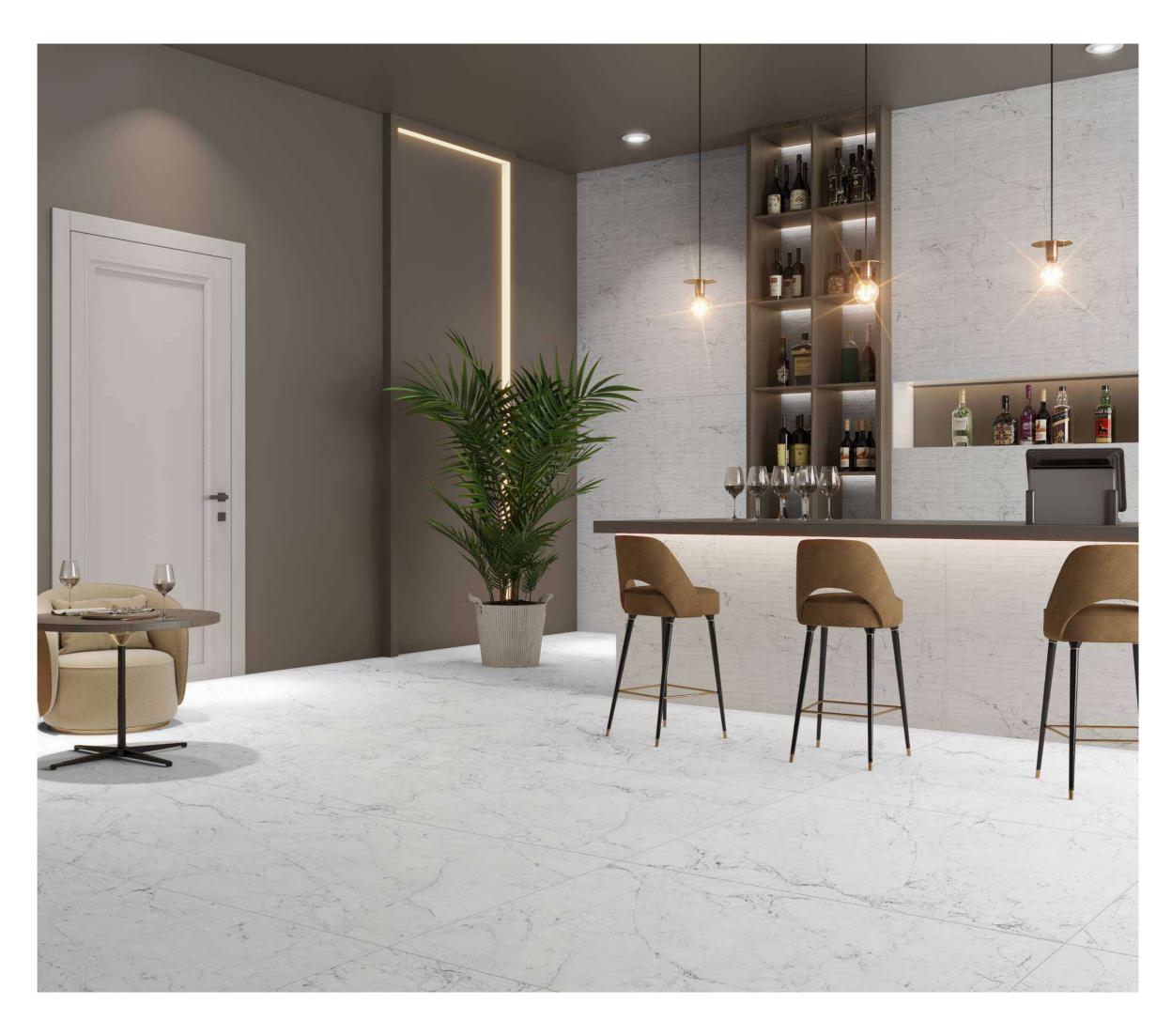




# transform your room into a trendy space







## rock apuano extra

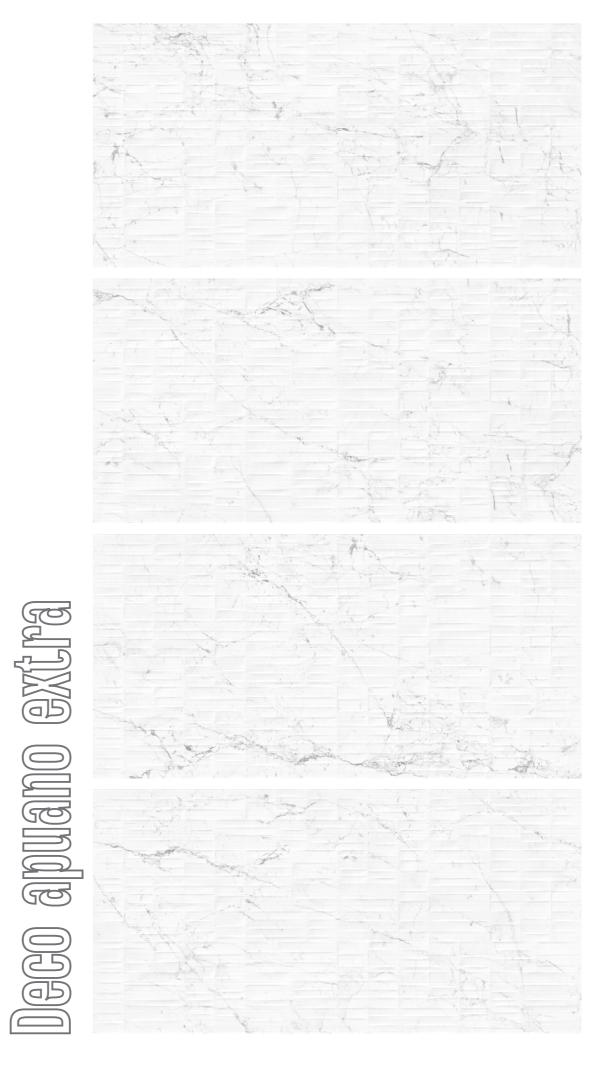










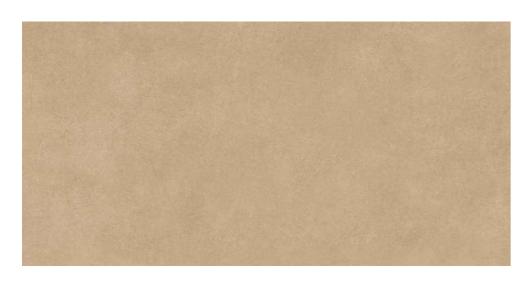






#### cassero almond

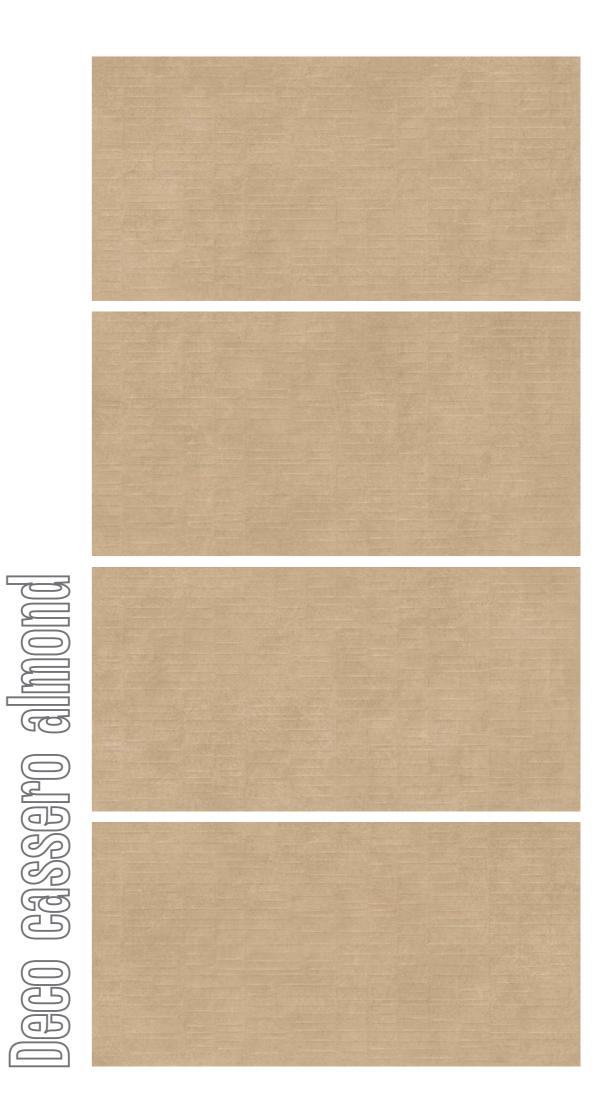
#### cassero almond









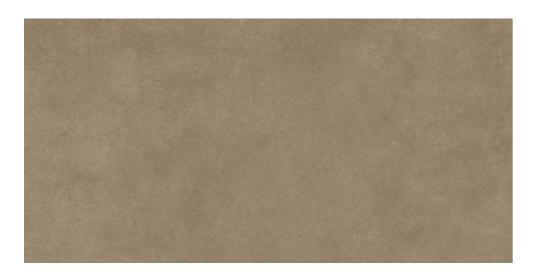






cassero amber

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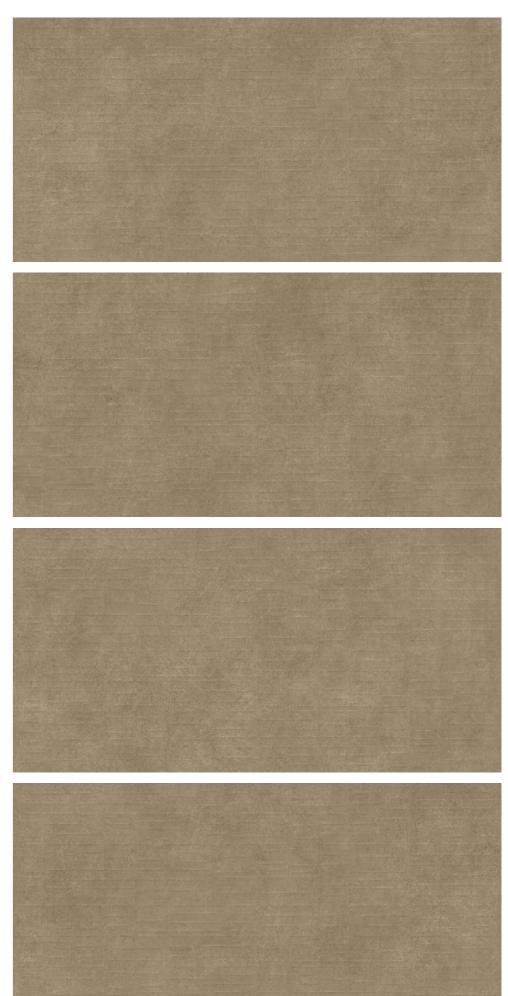
















#### cassero blanc

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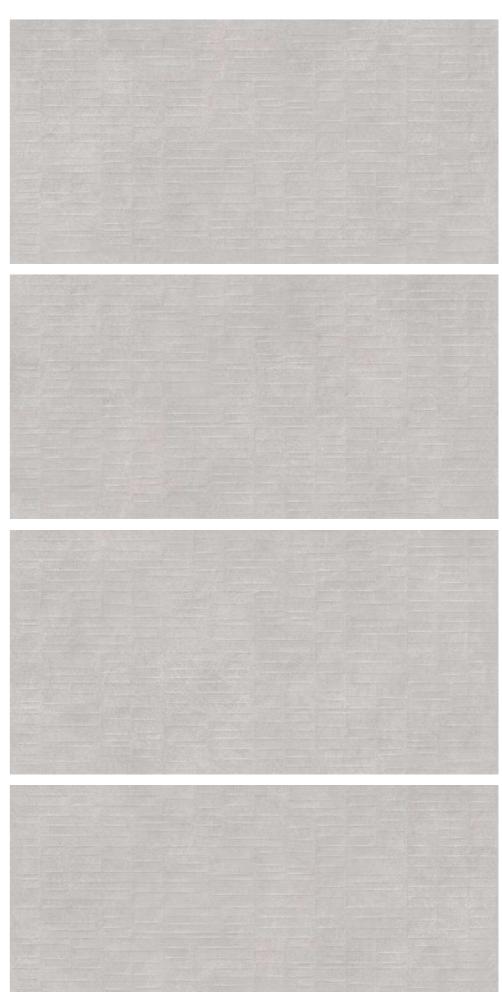


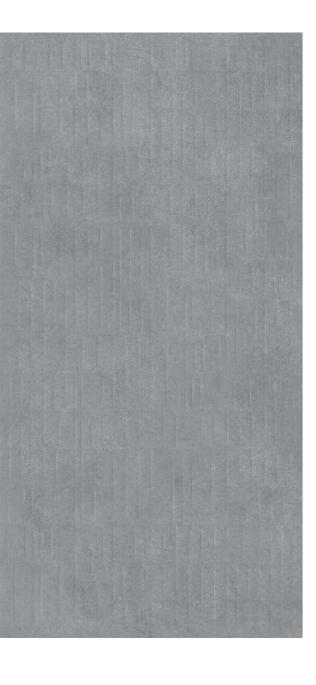














cassero pewter

## cassero pewter

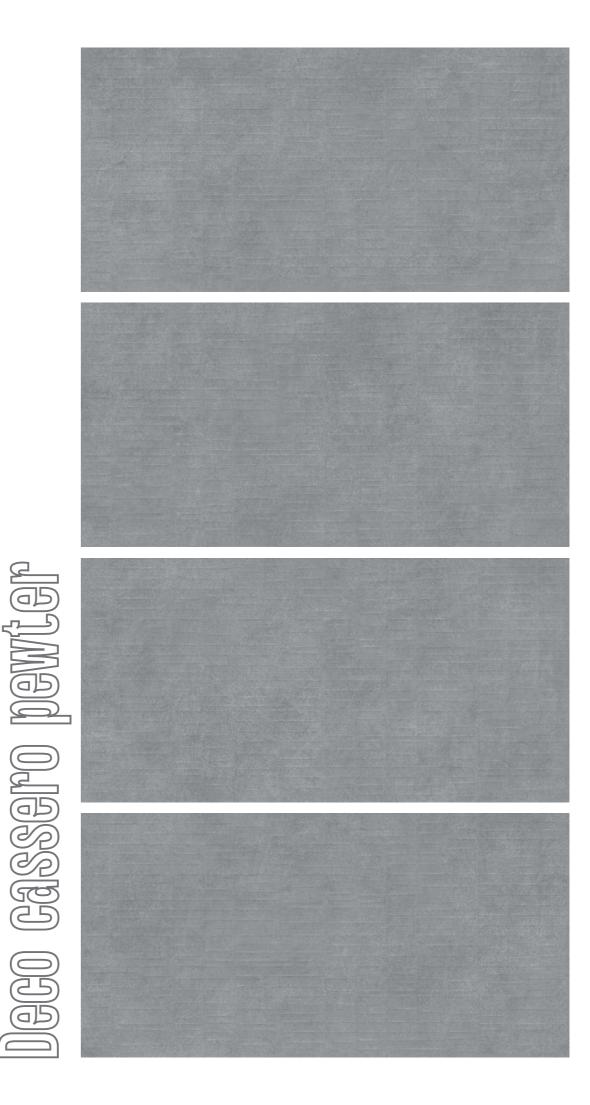




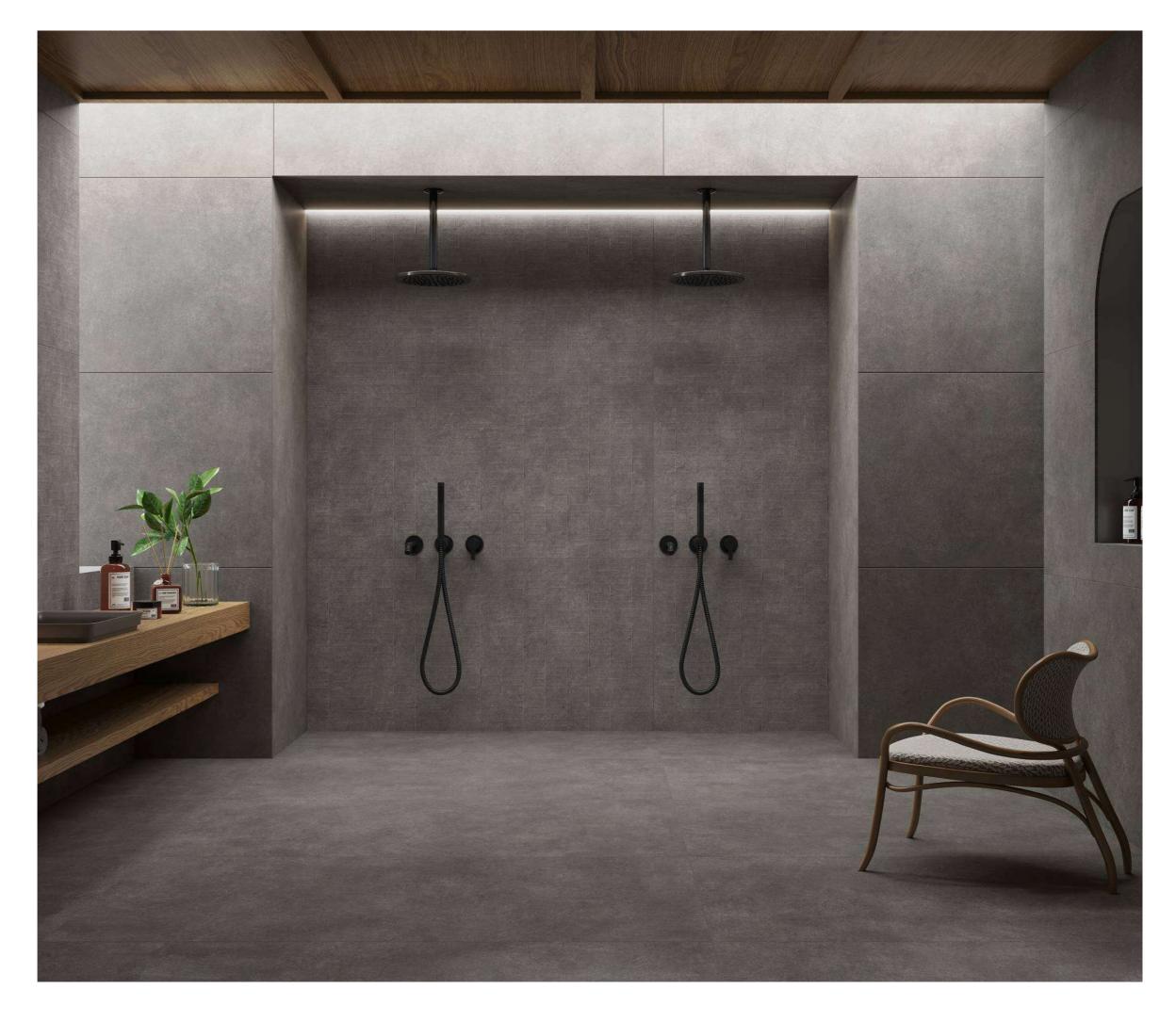






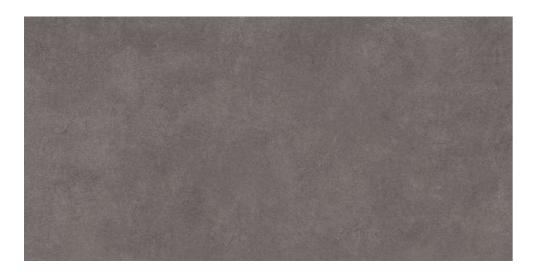






cassero anthracite

#### cassero anthracite

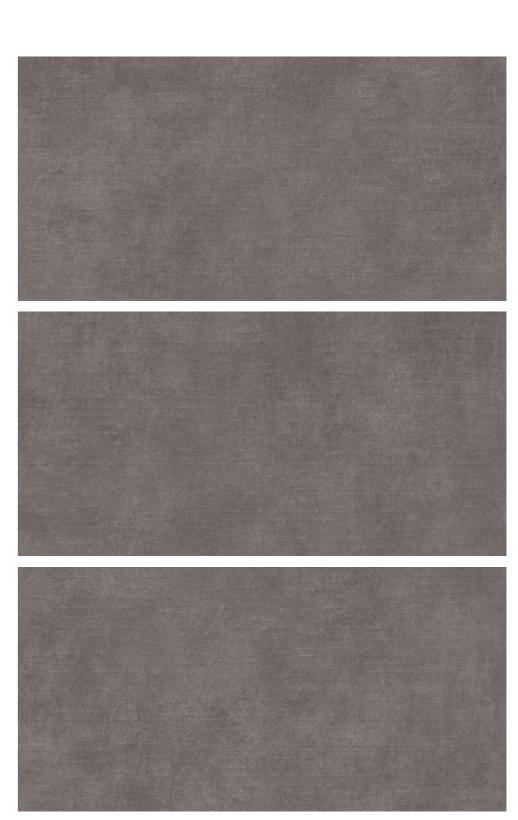












#### TECHNICAL SPECIFICATION

#### **PACKING DETAILS**

SR. NO	PRODUCT	NOMINAL SIZE	THICKNESS	TILES PER BOX	WEIGHT	COVERAGE AREA
1	VITRIFIED TILES	800x1600mm	9mm	2	52 kg	2.56 Sq. Mtr.

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN 14411 GROUP Bla	MEAN VALUE OF POLISHED GVT	MEAN VALUE OF RUSTIC GVT	TEST METHOD
REGULATORY PROPERTIES				
Deviation in length & width	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Deviation in thickness	±5.0 %	±4.0 %	±4.0 %	ISO-10545-2
Straightness in side	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Rectangularity	±0.5 %	±0.1 %	±0.1 %	ISO-10545-2
Surface flatness	±0.5 %	±0.2 %	±0.2 %	ISO-10545-2
Color difference	Unaltered	No change	No change	ISO-10545-16
Glossiness	As per mfg	Min 90%	Min 4%	GLOSSOMETER
STRUCTURAL PROPERTIES				
Water absorption	< 0.50 %	< 0.20 %	< 0.20 %	ISO-10545-3
Apparent density	> 2.0 g/cc	>2.10 g/cc	>2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROF	PERTIES			
Modulus of rupture	Min. 35 N/mm <sup>2</sup>	Min. 40 N/mm <sup>2</sup>	Min. 40 N/mm²	ISO-10545-4
Breaking strength	Min. 1300 N	Min. 2000 N	Min. 2000 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	Min. 0.55	ISO-10545-5
·	1 3			
SURFACE MECHANICAL PROP	PERTIES			
Surface abrasion resistance	As per mfg.	Min. Class-3	Min. Class-4	ISO-10545-7
MOH's hardness	As per mfg.	Min. 4	Min. 5	EN 101
THERMO HYGROMETRIC PRO	PERTIES			
Frost resistance	No damage	No damage	No damage	ISO-10545-12
Thermal shock resistance	No damage	No damage	No damage	ISO-10545-9
Moisture expansion	Nil	Nil	Nil	ISO-10545-10
Thermal expansion (COE)	Max. 9.0 x 10 <sup>-6</sup>	Max. 6.5x10 <sup>-6</sup>	Max. 6.5 x 10 <sup>-6</sup>	ISO-10545-8
Crazing resistance	As per mfg.	Min. 10 Cycle	Min. 10 Cycle	ISO-10545-11
CHEMICAL PROPERTIES				
Chemical resistance	No damage	No damage	No damage	ISO-10545-13
Stain resistance	Resistant	Resistant	Resistant	ISO-10545-14
CAFFTY DD ODFDT				
SAFETY PROPERTIES	Δ			168
Slip resistance	As per mfg.	>0.40	>0.40	ISO-10545-17
Fire resistance	As per mfg.	Fire proof	Fire proof	N. A.
Lead & Cadmium given off by glazed tiles	As per mfg.	Does not yield Pb & Cd	Does not yield Pb & Cd	ISO-10545-15