

# About Us

integrate the strategic objectives in their management and production systems in a transverse manner, so that the implementation of processes that are respectful towards the environment are not limited to specific actions, but instead from a part of its know how as a whole.

objective is to offer personalized and customized solutions for architecture and interior design through pieces which work as a complement for coverings and floorings. With high levels of aesthetic value, the ceramic pieces we manufacture achieve in adding extra value to projects thanks not only to their finishes, but also to their suitable adaptability with the rest of the elements.

This reflects in this catalogue which we have created with utmost creativity. The catalogue is one of the principal tools that still nowadays keep together the relationship between firms, resellers and consumers.

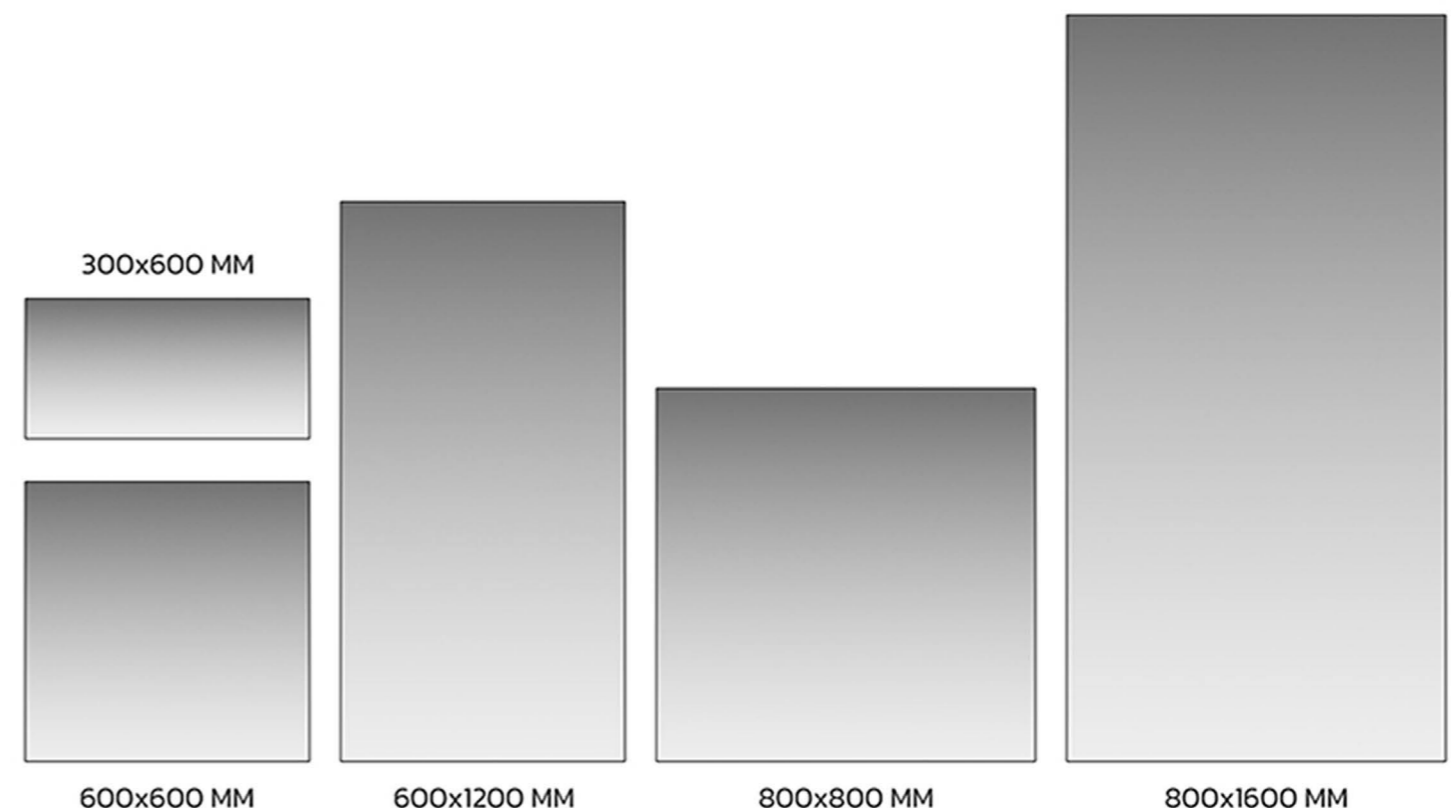
Once again following its own style, translates the trends and the innovations of the ceramic sector in something captivating and usable for the everyday design.

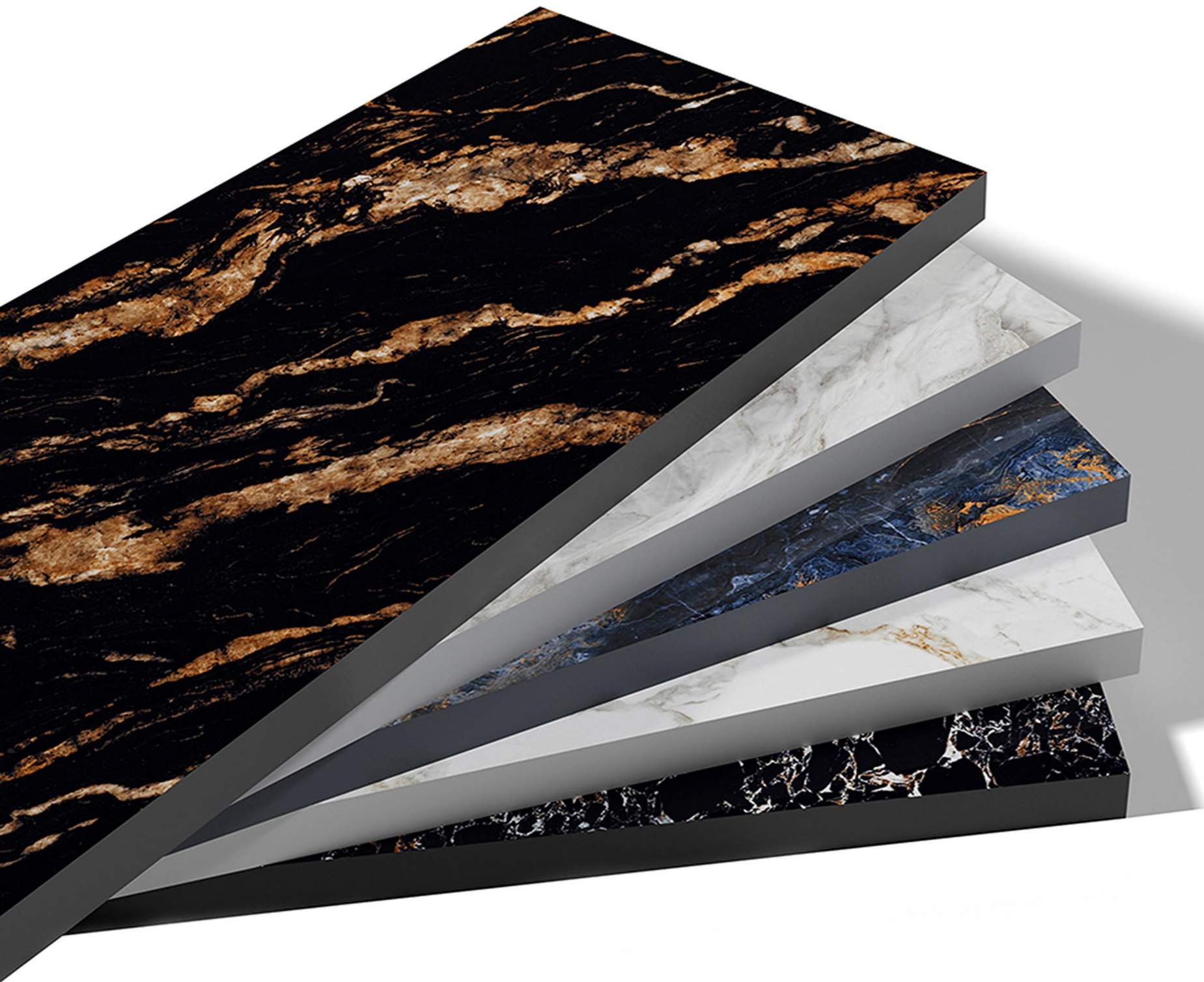
# Various Size of Tiles

Tiles come in a variety of sizes, and the right size for a particular space depends on a few factors, such as the size of the room, the intended use of the space, and personal preference.

The fabulous designs from our different collections will be a treat to your eyes and will add value to your luxury lifestyle.

It's important to consider the scale of the room and the tile pattern when choosing tile size. For example, larger tiles can make a small room appear larger, while smaller tiles can create a more intricate pattern or texture. Ultimately, the choice of tile size depends on personal preference and the desired aesthetic for the space.





## Brand Introduction

The brand was launched as a high-end compact surface with revolutionary physical and technical features. uses the best natural raw materials with state-of-the-art technology to create the best surfaces with luxurious designs.

 [www.swordceramic.com](http://www.swordceramic.com)



QUALITY  
CERTIFICATES



# Architecture

## CHOICE



## Surfaces for Everybody

Tiles have a wide range of practical and decorative uses in architecture and design. They are commonly used as a flooring material, providing a durable and easy-to-clean surface for high traffic areas such as kitchens, bathrooms, and entryways. Tiles can also be used as wall coverings, creating decorative accents and adding texture to a room. They can be used to create intricate mosaic patterns, decorative murals, or even as a backdrop for artwork. In addition, tiles are often used in exterior applications, such as roofing or cladding, where their durability and weather resistance make them an ideal choice. With their versatility and range of materials, tiles continue to be a popular and practical choice in modern design.



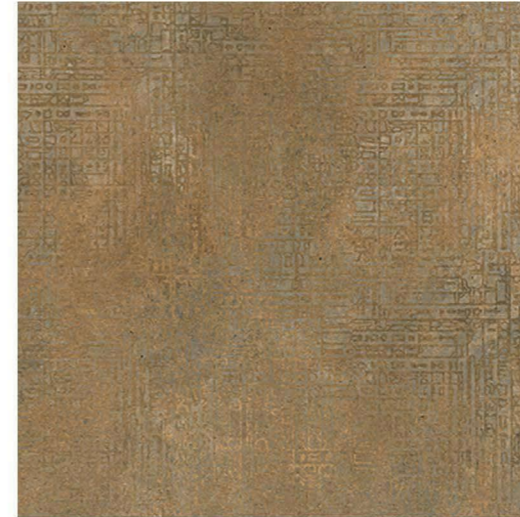


**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

RANDOM WALL TILES FLOOR TILES LIVING AREA



3001-random



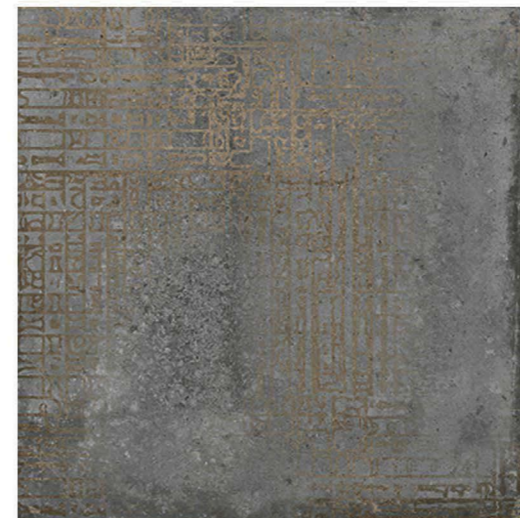
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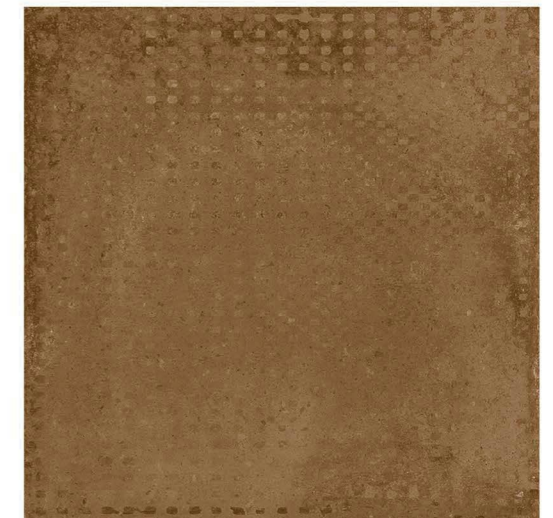
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3004-random



3005-random



3006-random

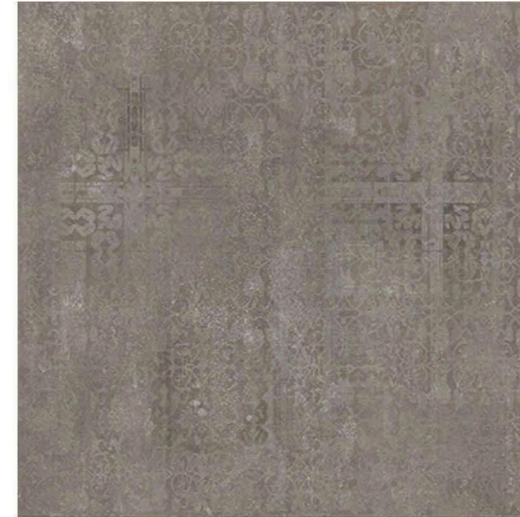


**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

 RANDOM
  WALL TILES
  FLOOR TILES
  LIVING AREA



3017-random



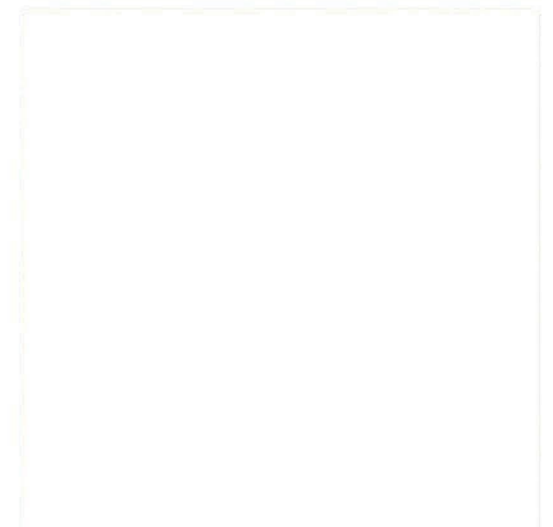
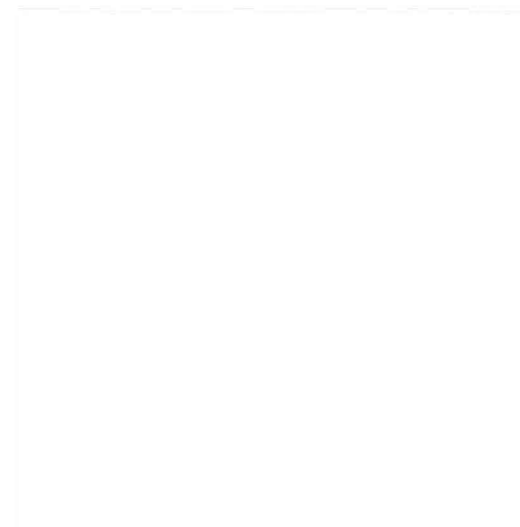
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3021



3012





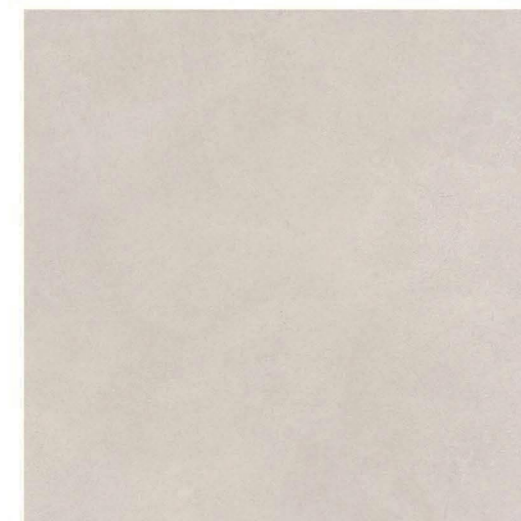
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600x600mm  
60x60cm | 24"x24"

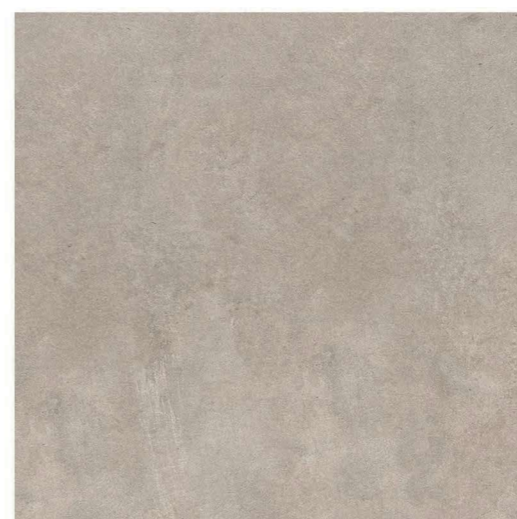
GRES FINE PORCELLANATO



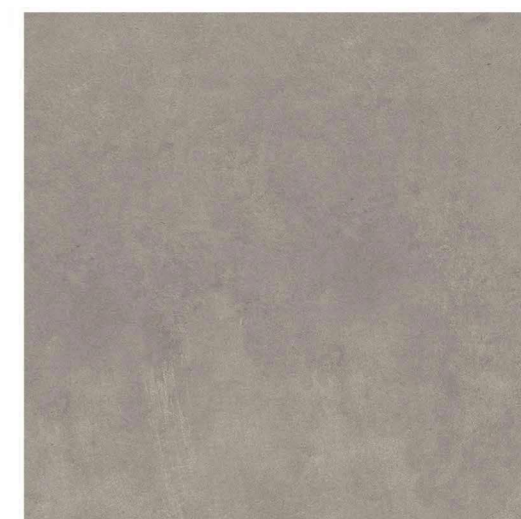
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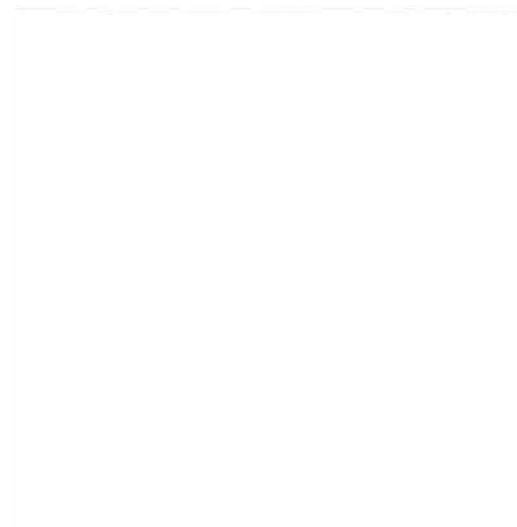
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3026-random



3027-random





## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

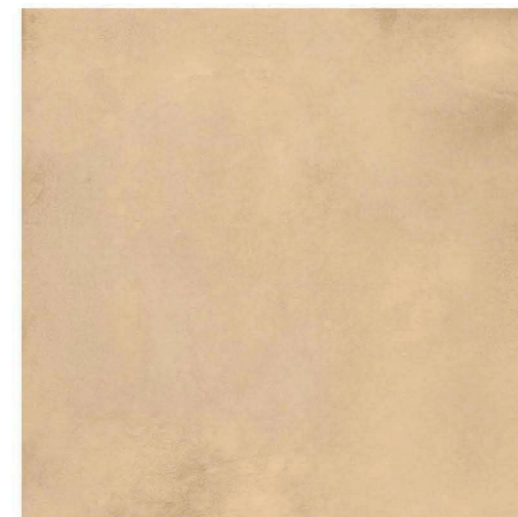
 RANDOM  WALL TILES  FLOOR TILES  LIVING AREA



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3035-random



3032-random



3037-random



3034-random



3036-random





## Marble Series

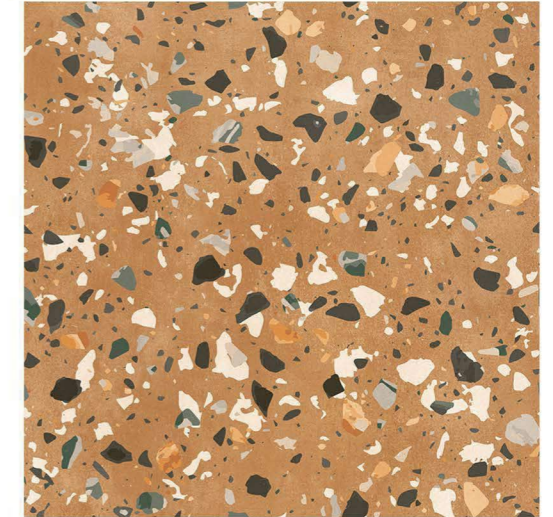
600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

RANDOM WALL TILES FLOOR TILES LIVING AREA



3038



3039



3040-random



3041-random



3042-random

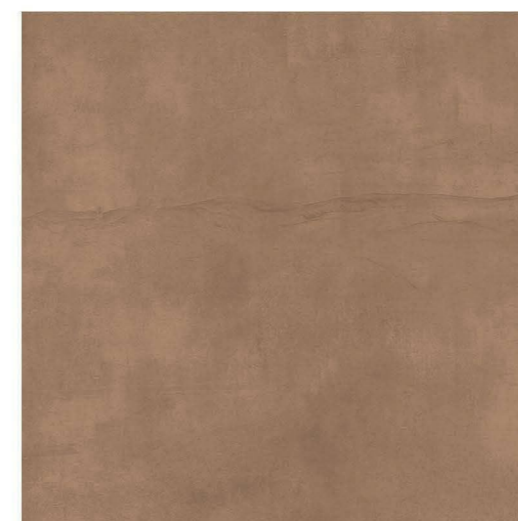




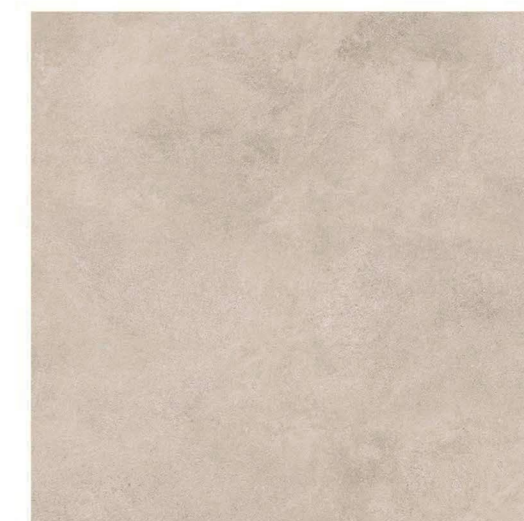
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60x60cm | 24"x24"

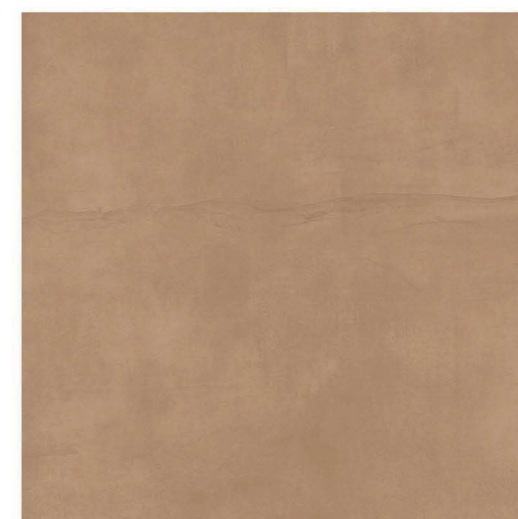
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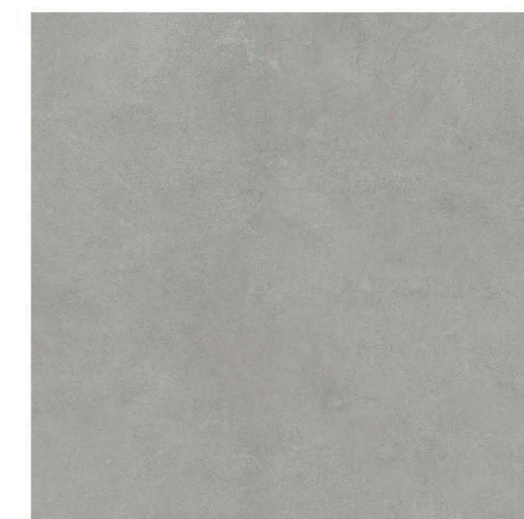
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3046-random



3044-random



3047-random



3045-random



3048-random



## Marble Series

600x600mm  
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GRES FINE PORCELLANATO

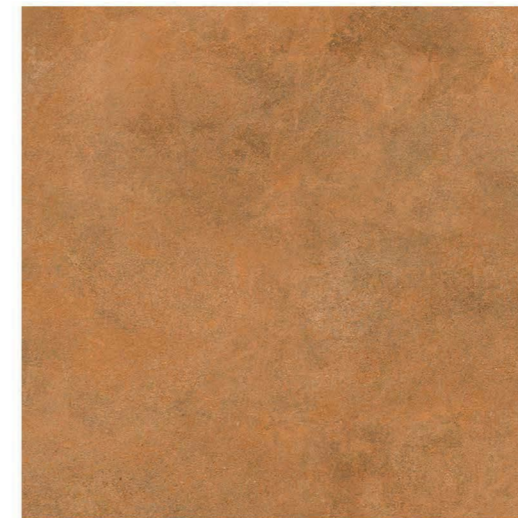
   



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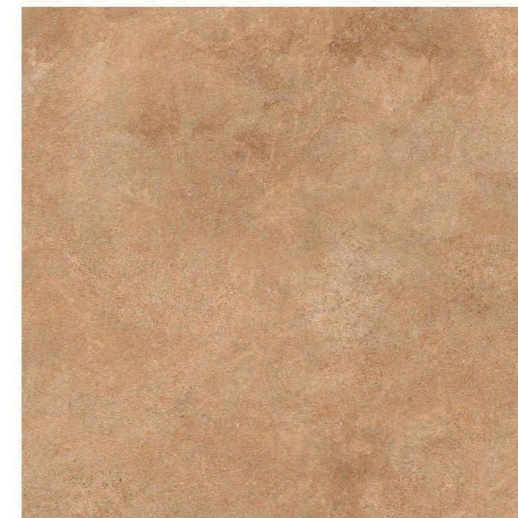
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3051-random



3052-random



3053-random

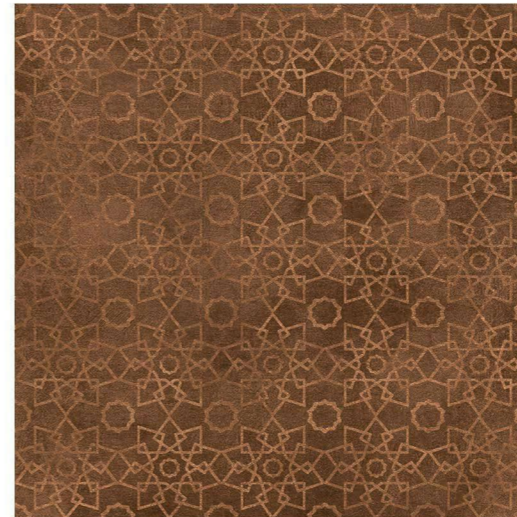




## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3054



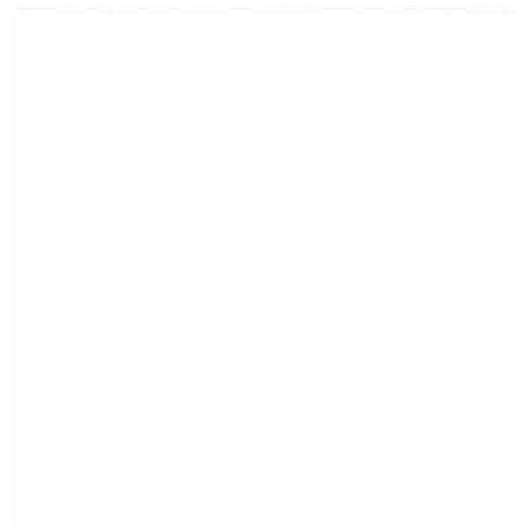
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3057-random



3058-random





**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



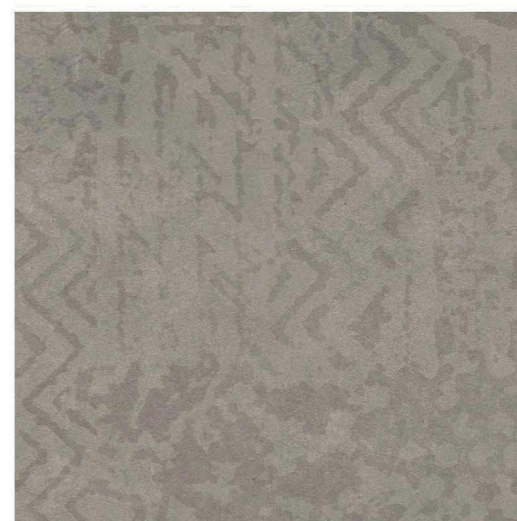
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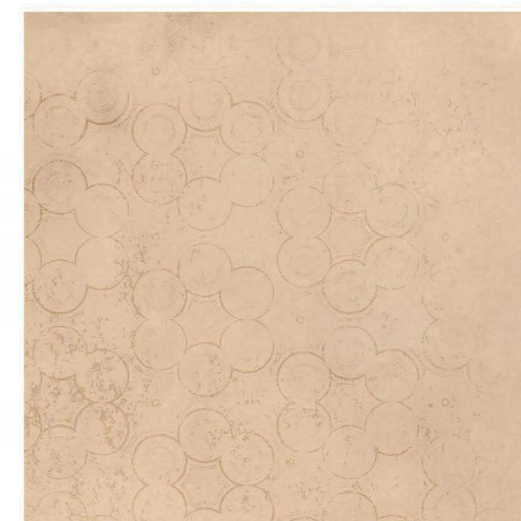
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3061-random



3062-random



3063-random

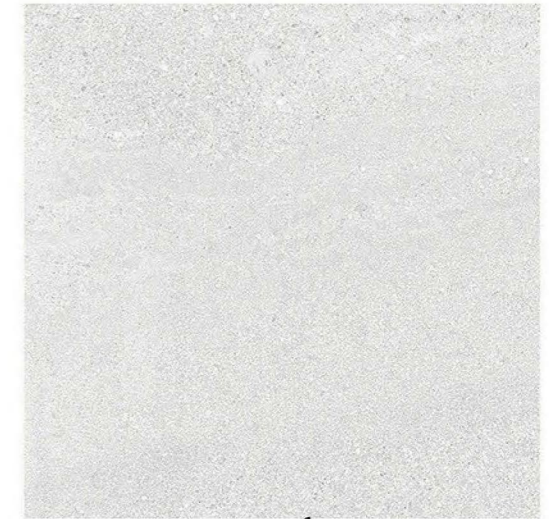


### Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

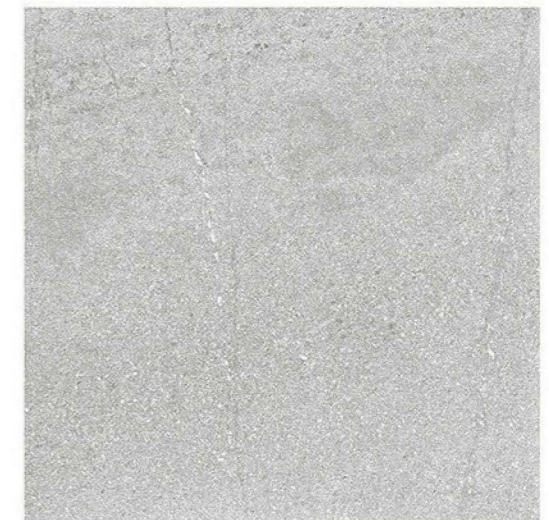
RANDOM WALL TILES FLOOR TILES LIVING AREA



3064-random



3065-random



3066-random

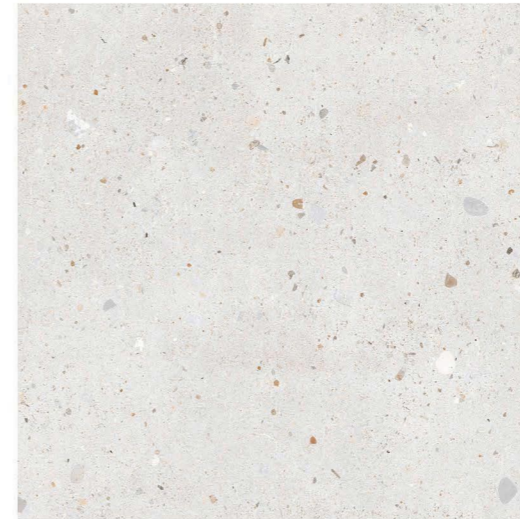


**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

RANDOM 
 WALL TILES 
 FLOOR TILES 
 LIVING AREA



3067



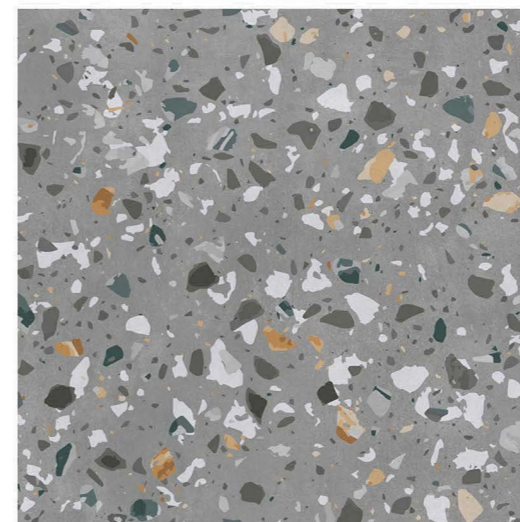
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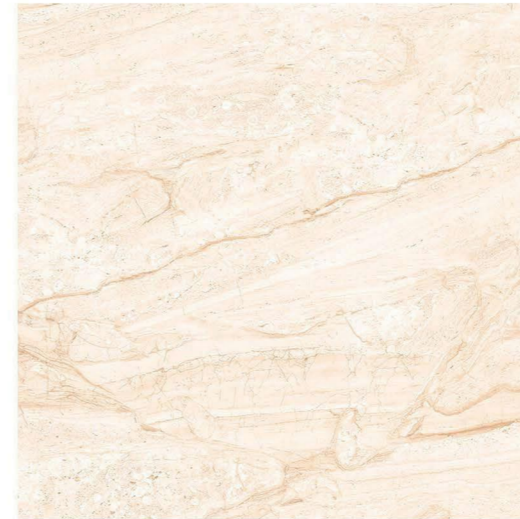
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**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



**3074**



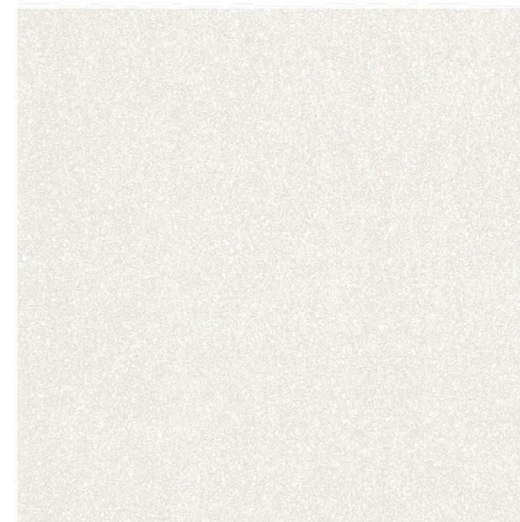
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**3077-random**



**3078**



**3079**

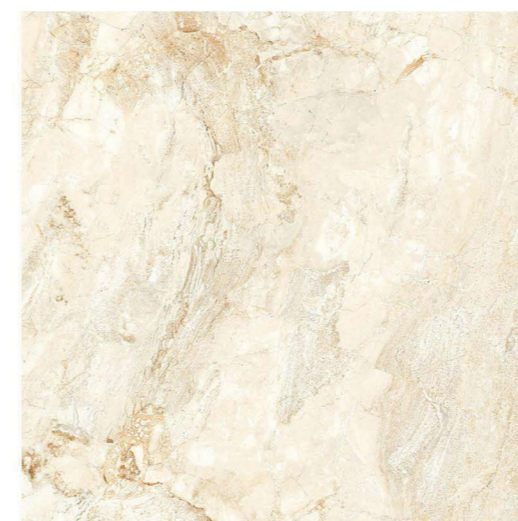




**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



**3080-random**



**3081**



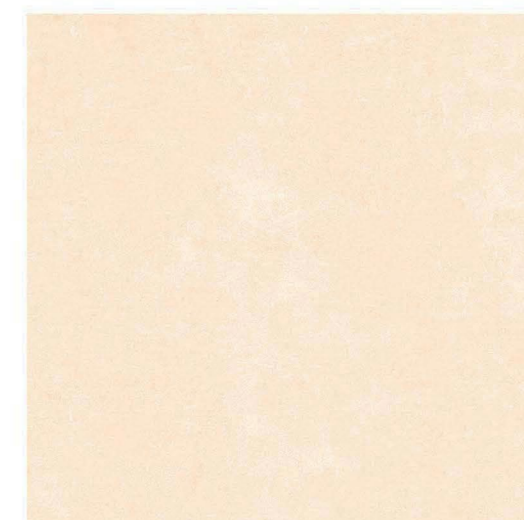
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**3085-random**



**3086-random**



## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



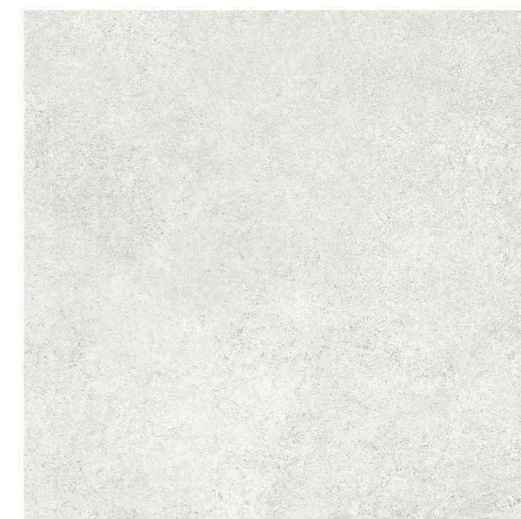
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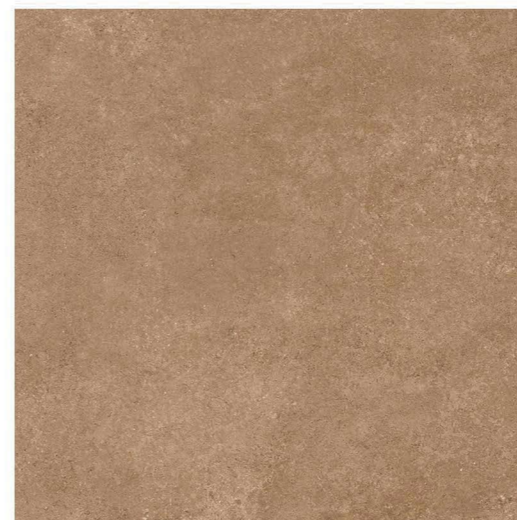
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3089-random



3090-random



3091-random



3092-random



**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3083-random



3093-random



3094



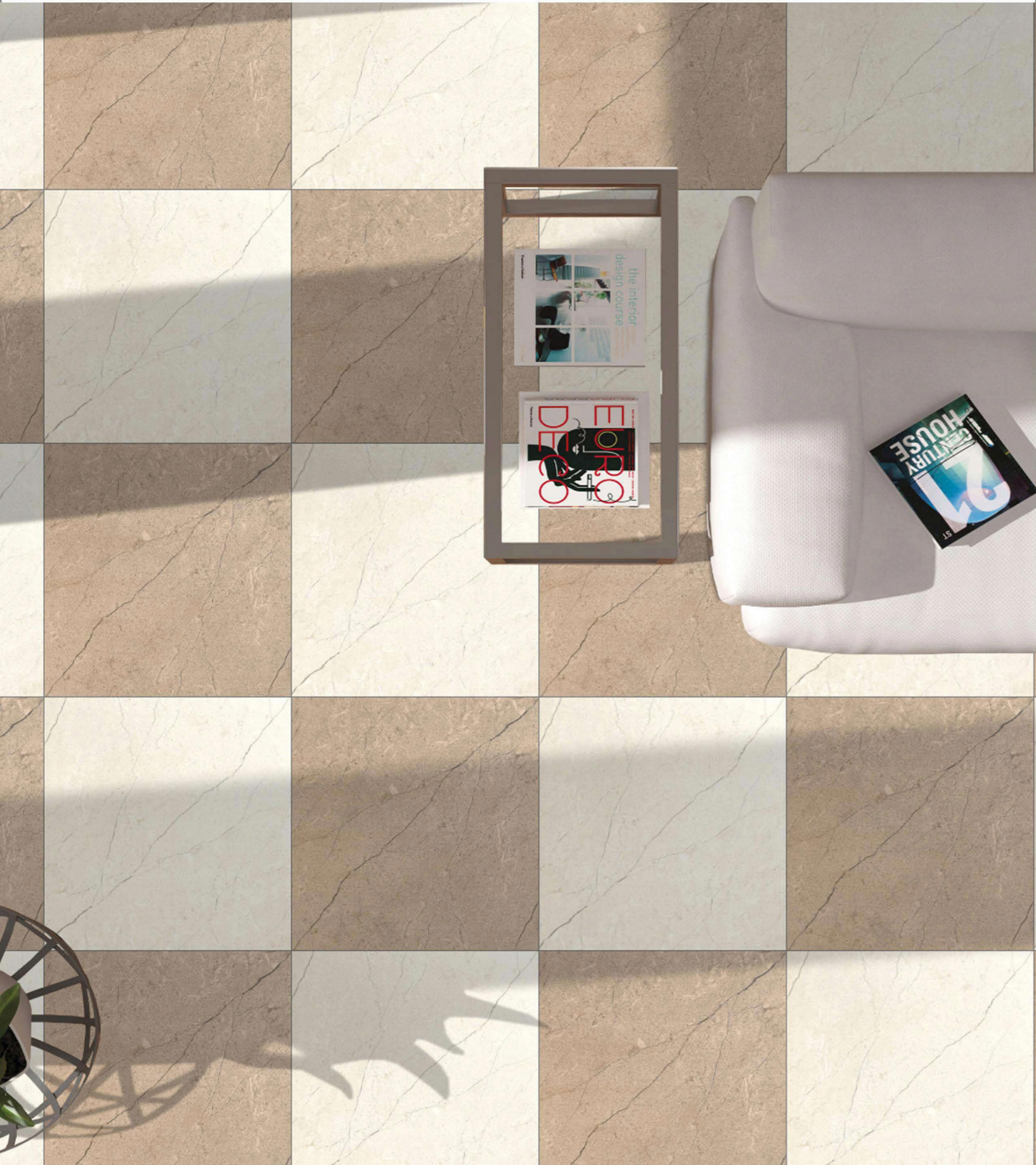
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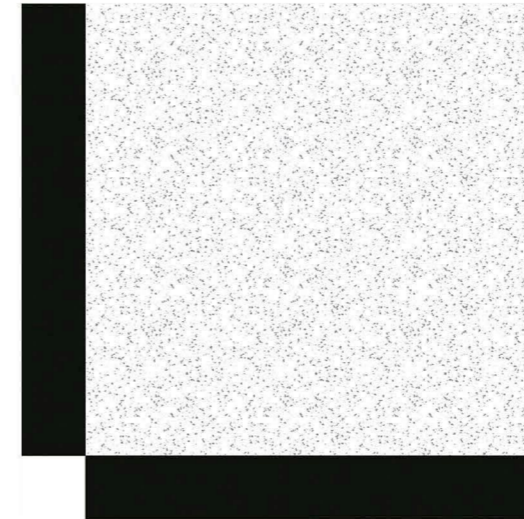
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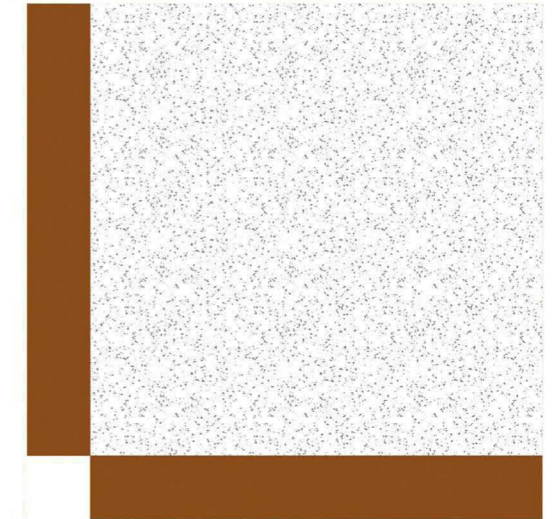
**Marble Series**

600x600mm  
60x60cm | 24"x24"

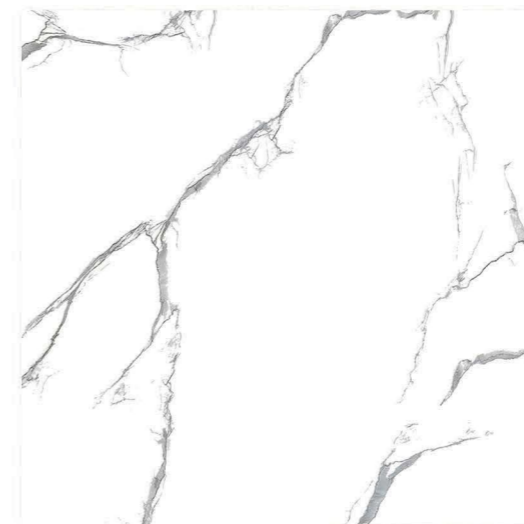
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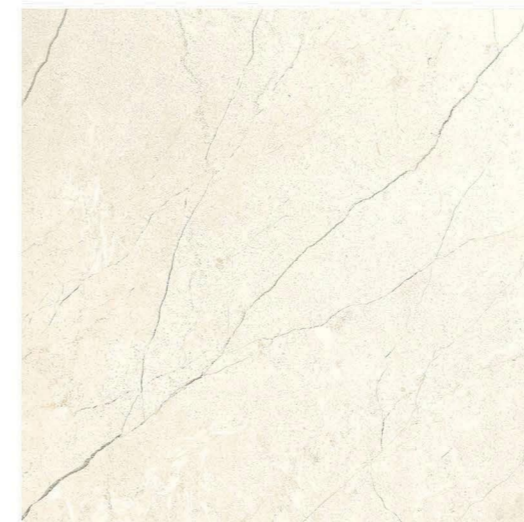
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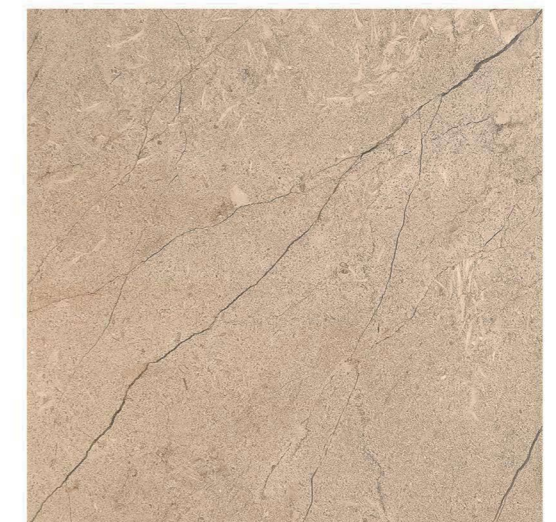
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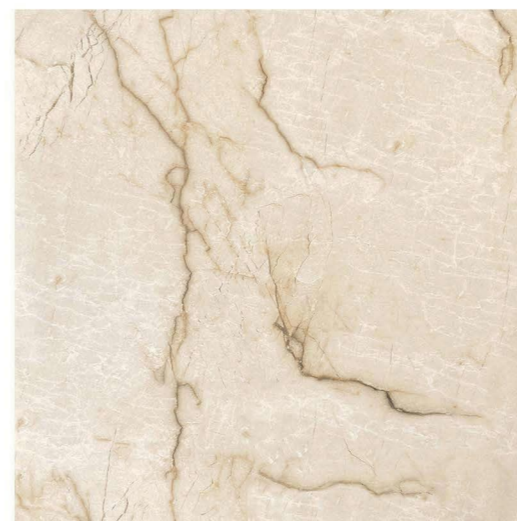
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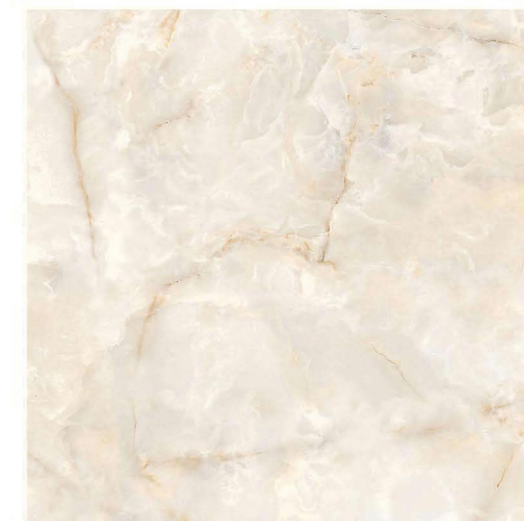
**Marble Series**

600x600mm  
60x60cm | 24"x24"

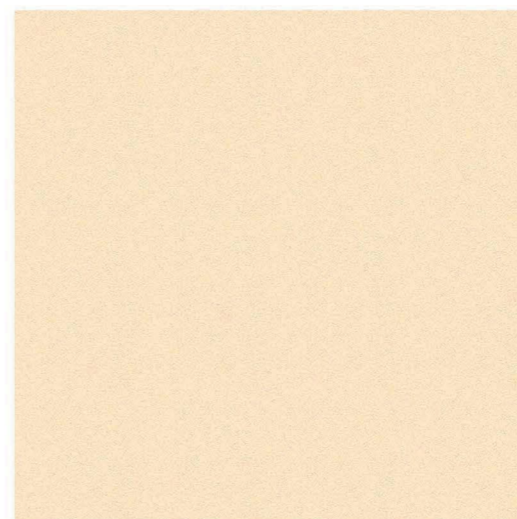
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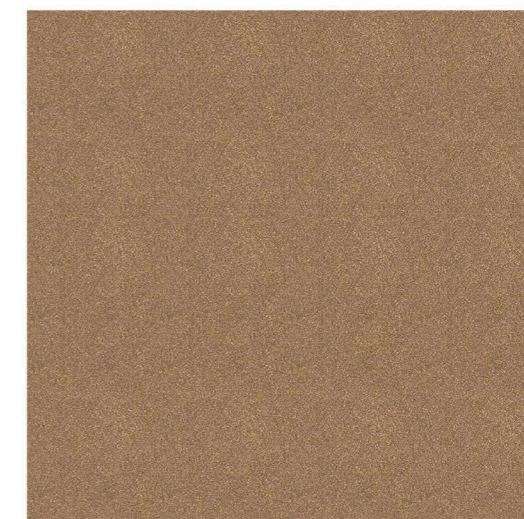
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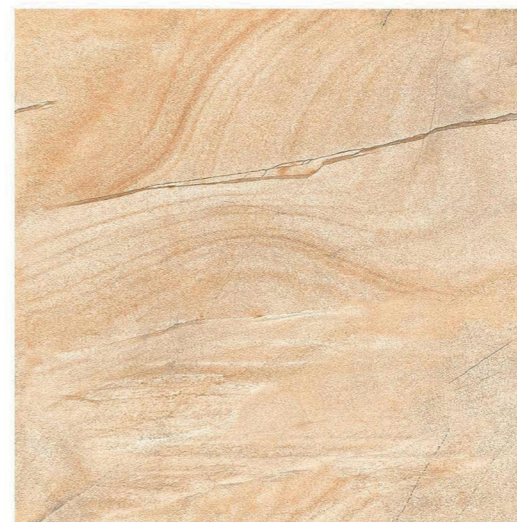
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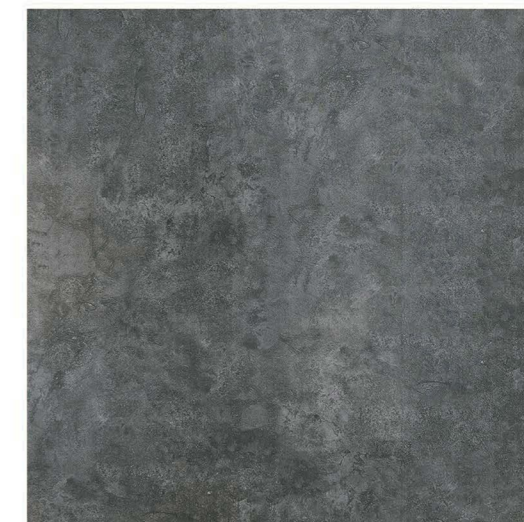
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3106



3109



3110



**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3111-random



3112-random



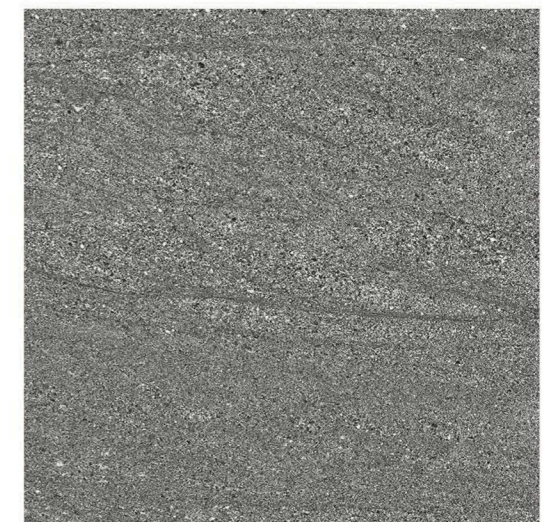
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3114-random



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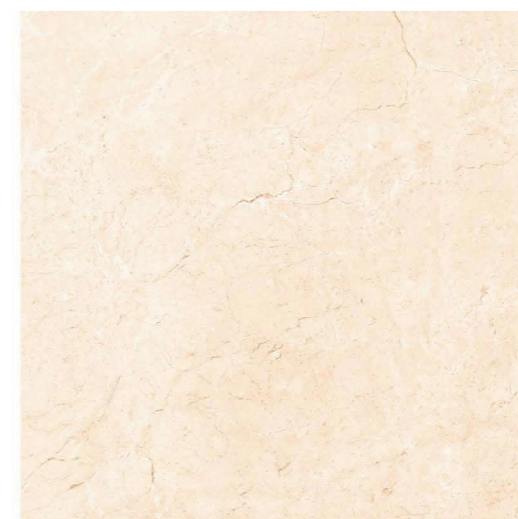
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## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



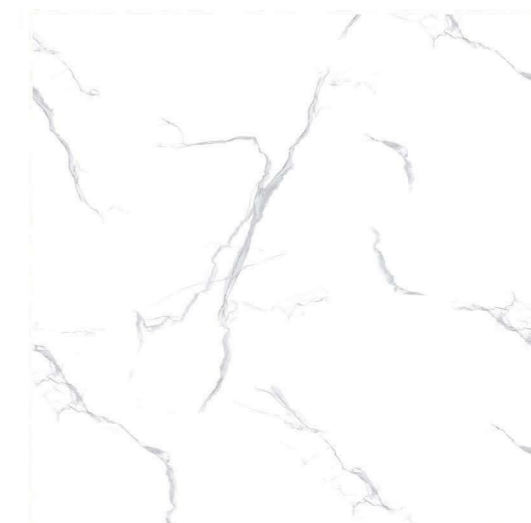
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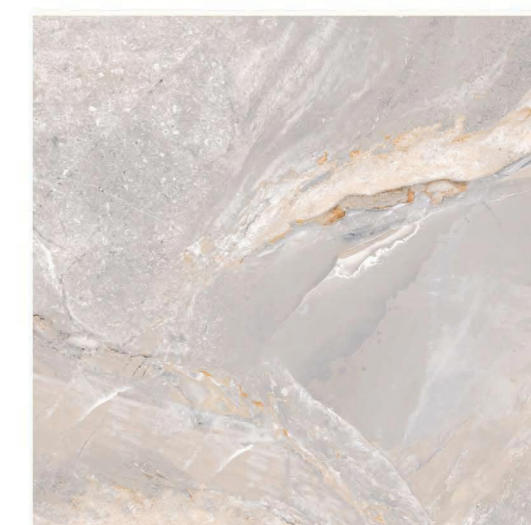
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3136



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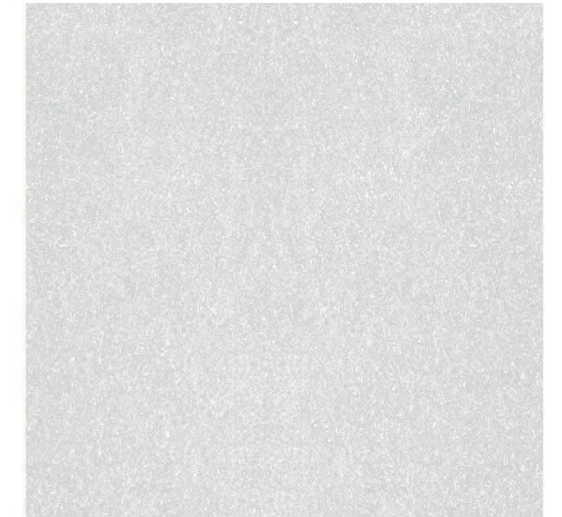
600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

RANDOM WALL TILES FLOOR TILES LIVING AREA



3137



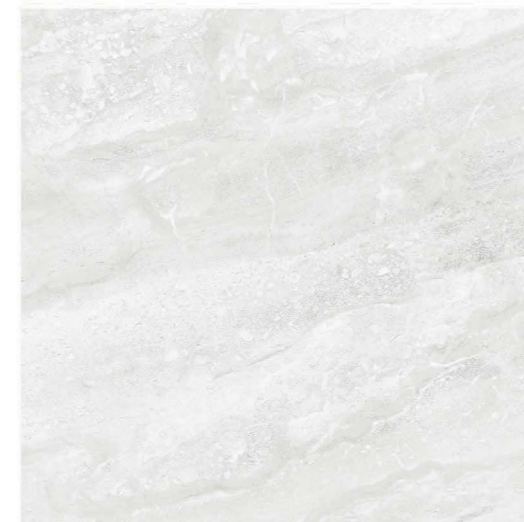
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3171



3172



3173



3174





### Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



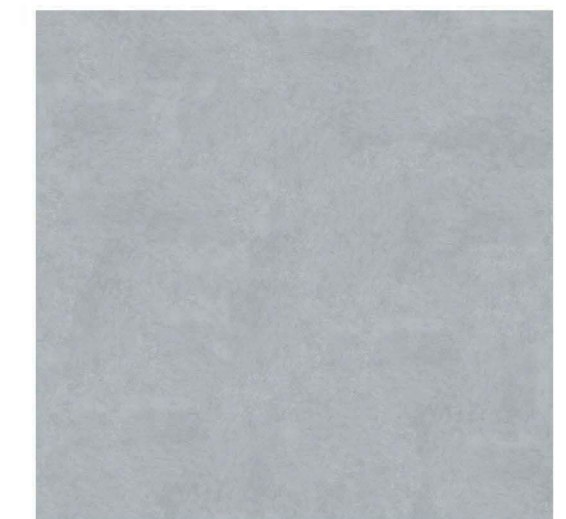
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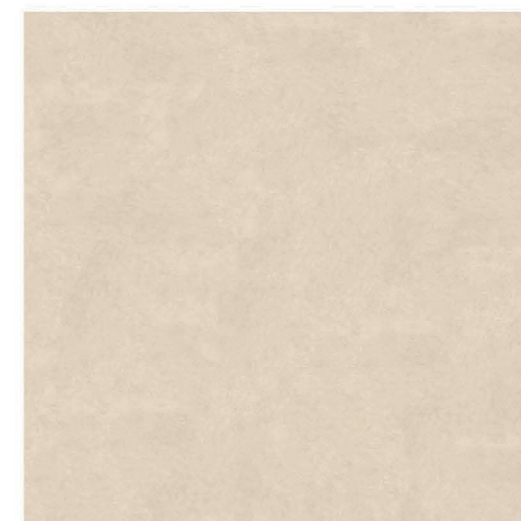
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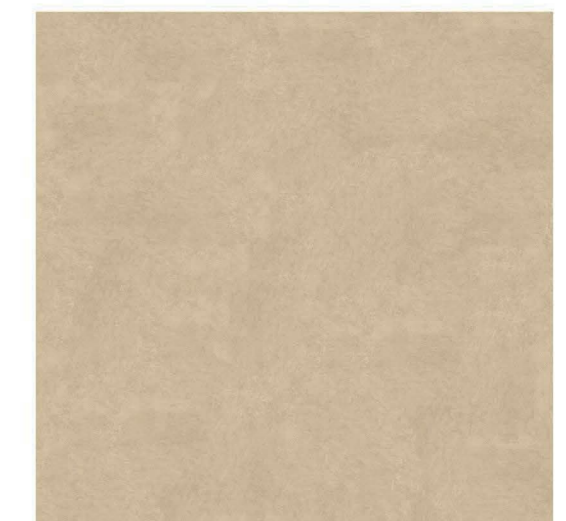
3177-random



3178



3179



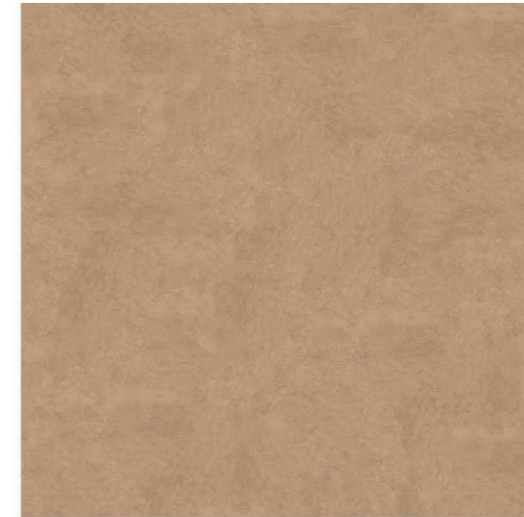
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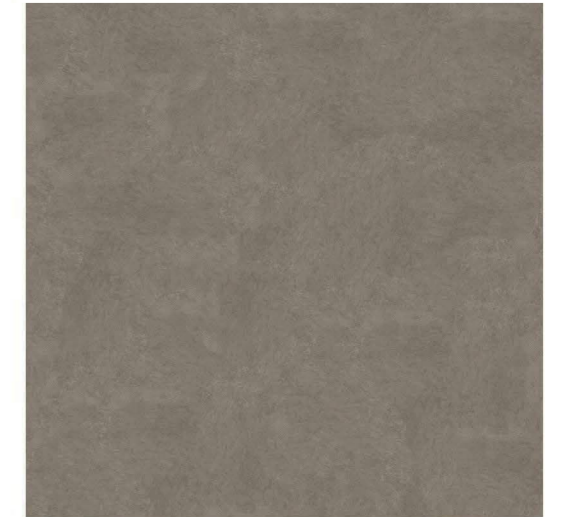
### Marble Series

600x600mm  
60x60cm | 24"x24"

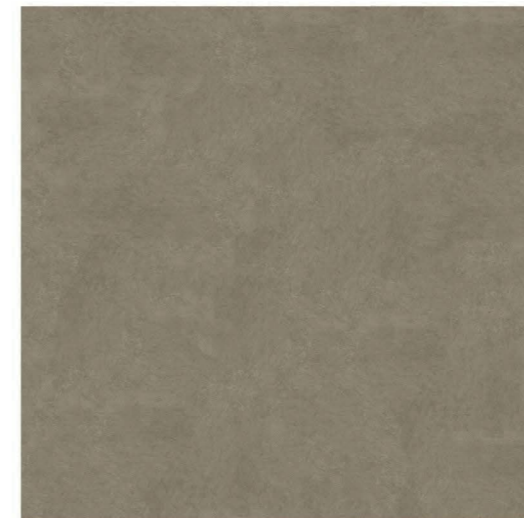
GRES FINE PORCELLANATO



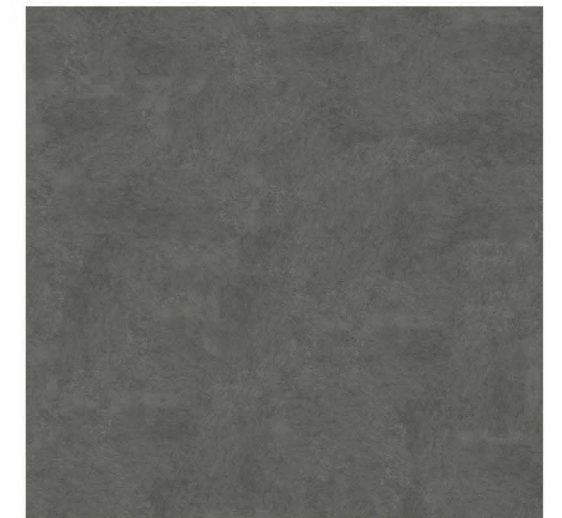
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3183



3184



3185



3186



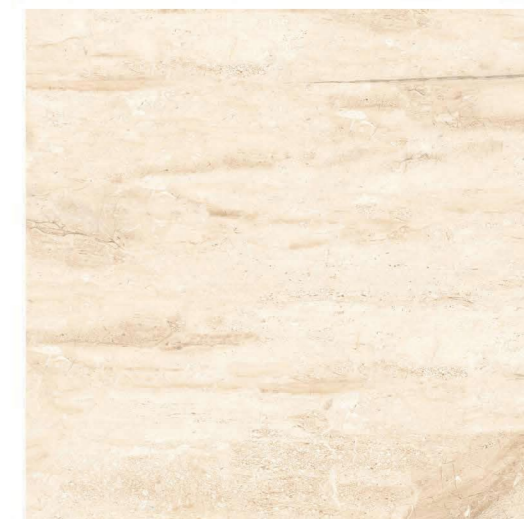
## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



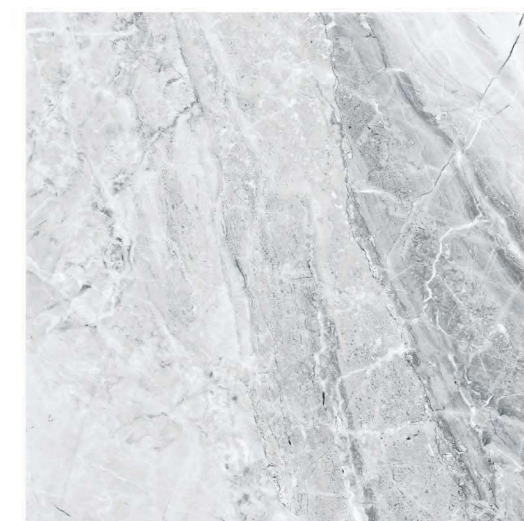
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3188-random



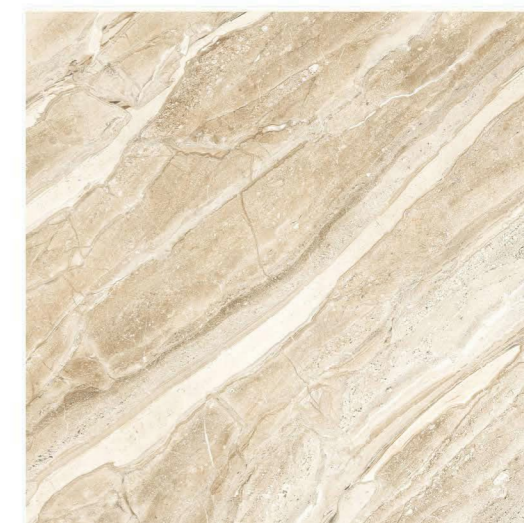
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3190



3191-random



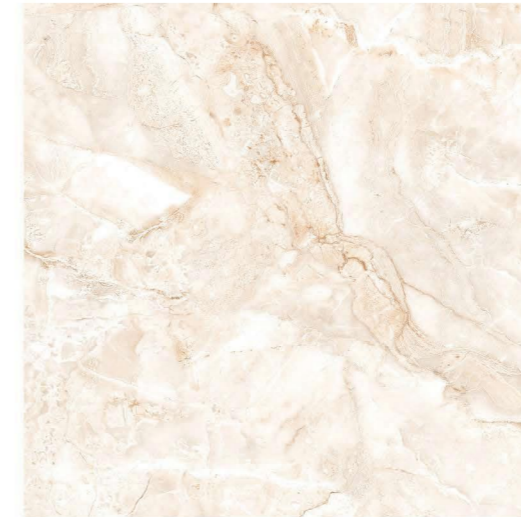
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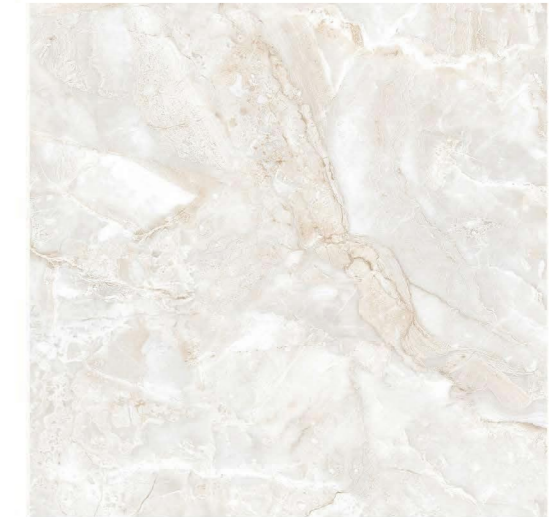
## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3193



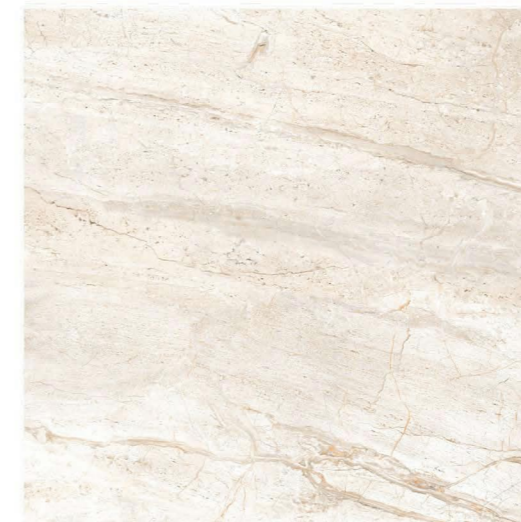
3194



3195-random



3196-random



3197-random



3198-random



**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3199-random



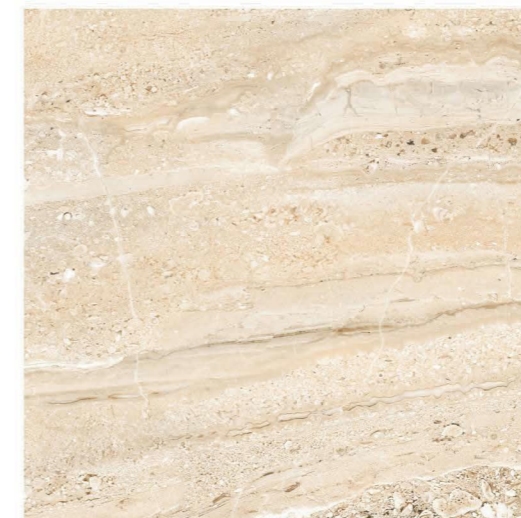
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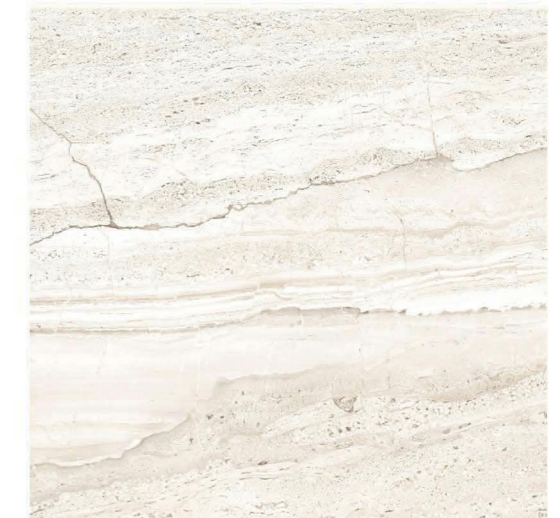
3201-random



3202-random



3203-random



3204-random



## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

 RANDOM  WALL TILES  FLOOR TILES  LIVING AREA



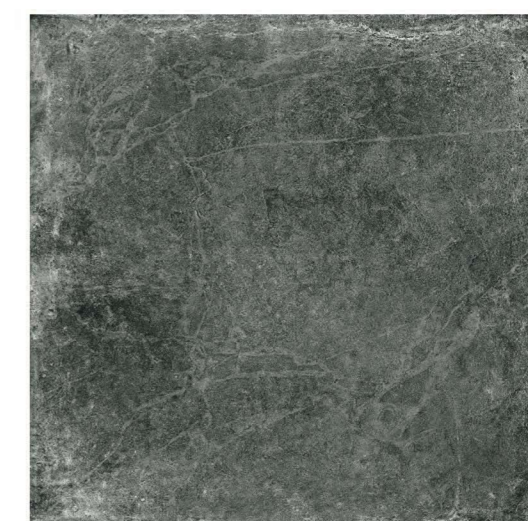
3205-random



3206-random



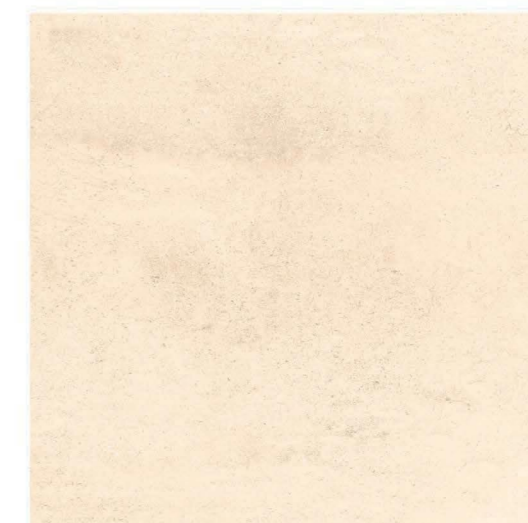
3207-random



3208-random



3209-random



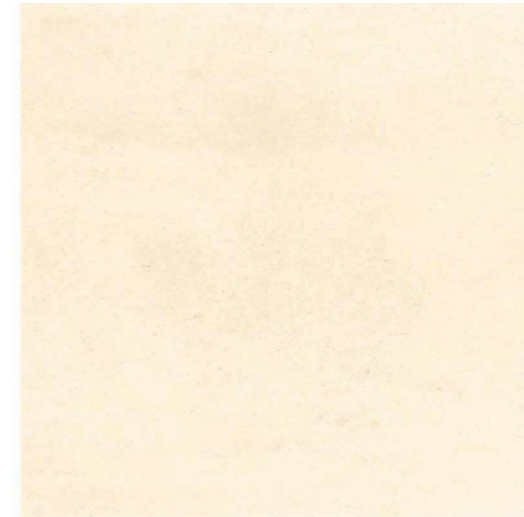
3210-random



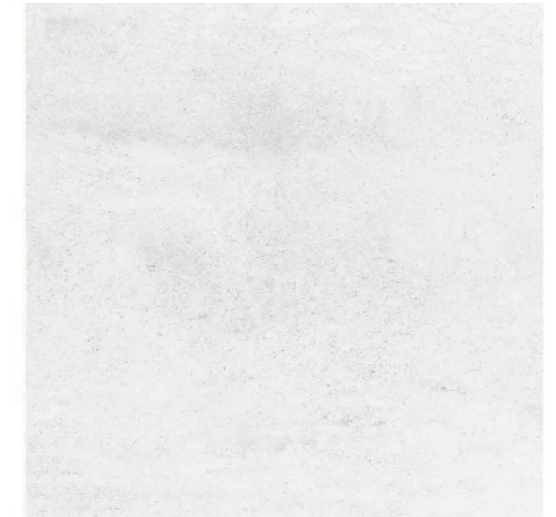
### Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



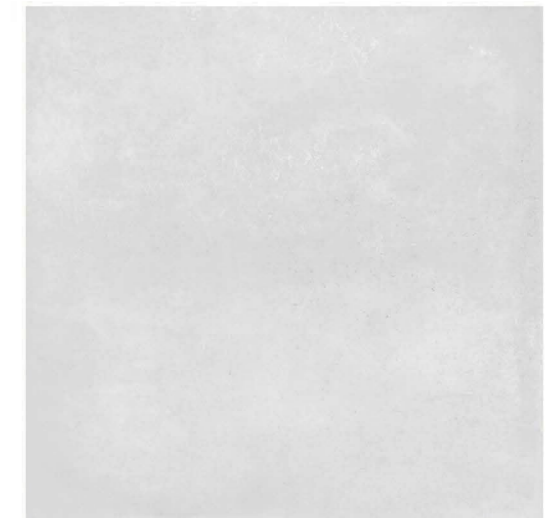
3211-random



3212-random



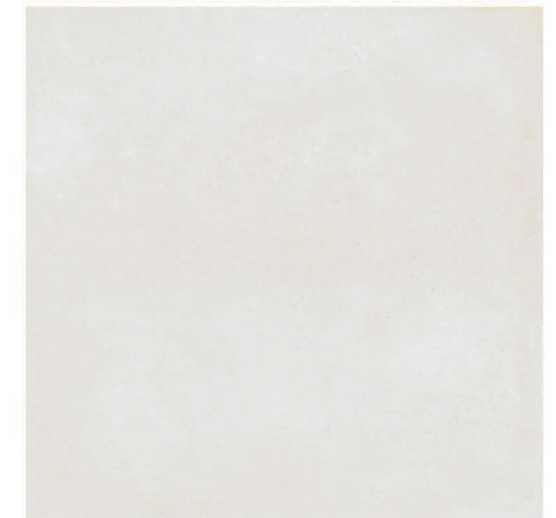
3213-random



3214-random



3215-random



3216-random



## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

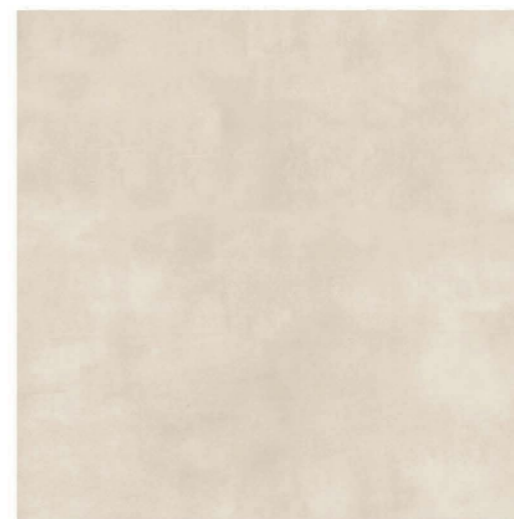
RANDOM WALL TILES FLOOR TILES LIVING AREA



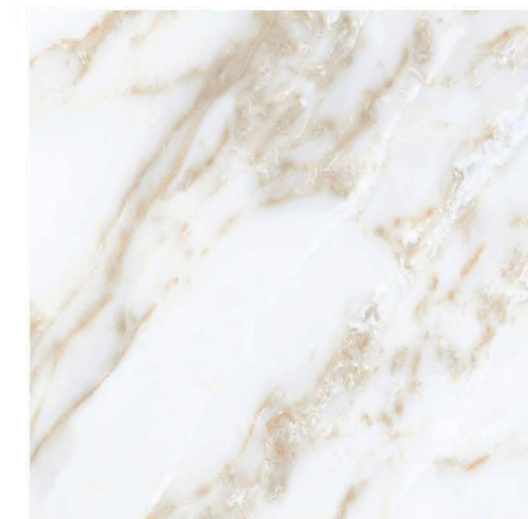
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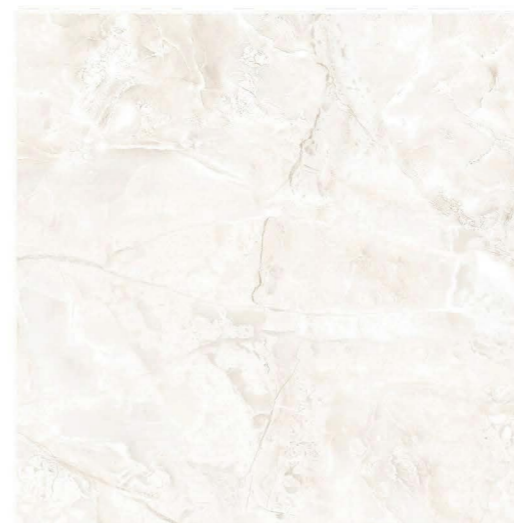
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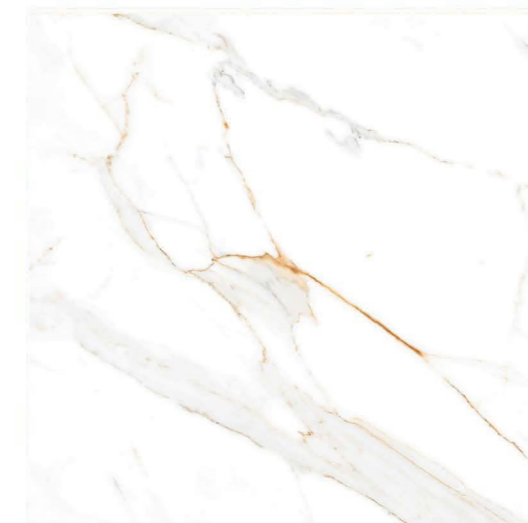
3219



3220



3221



3222-random





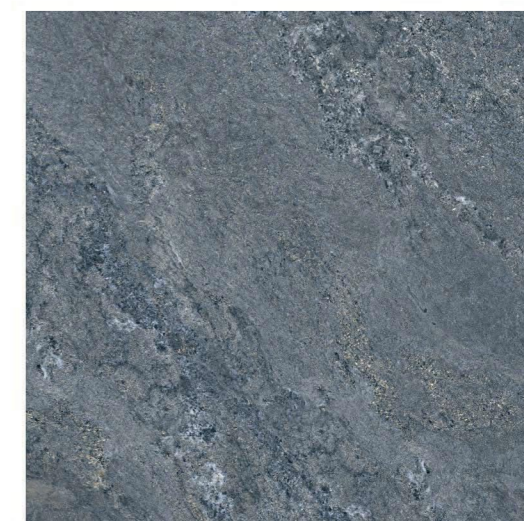
## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



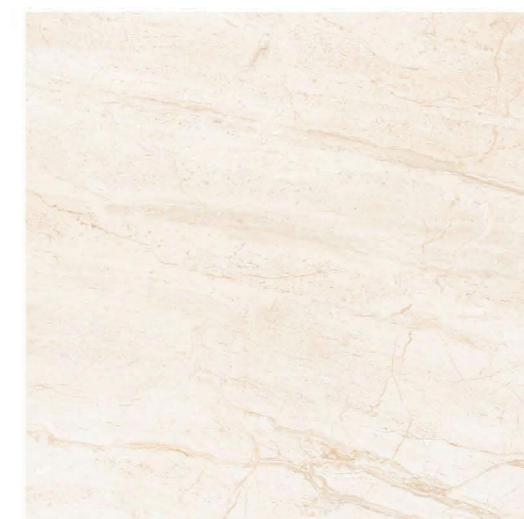
3223-random



3224-random



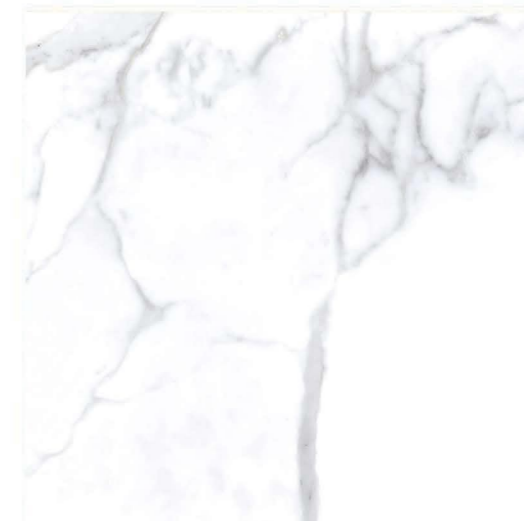
3225-random



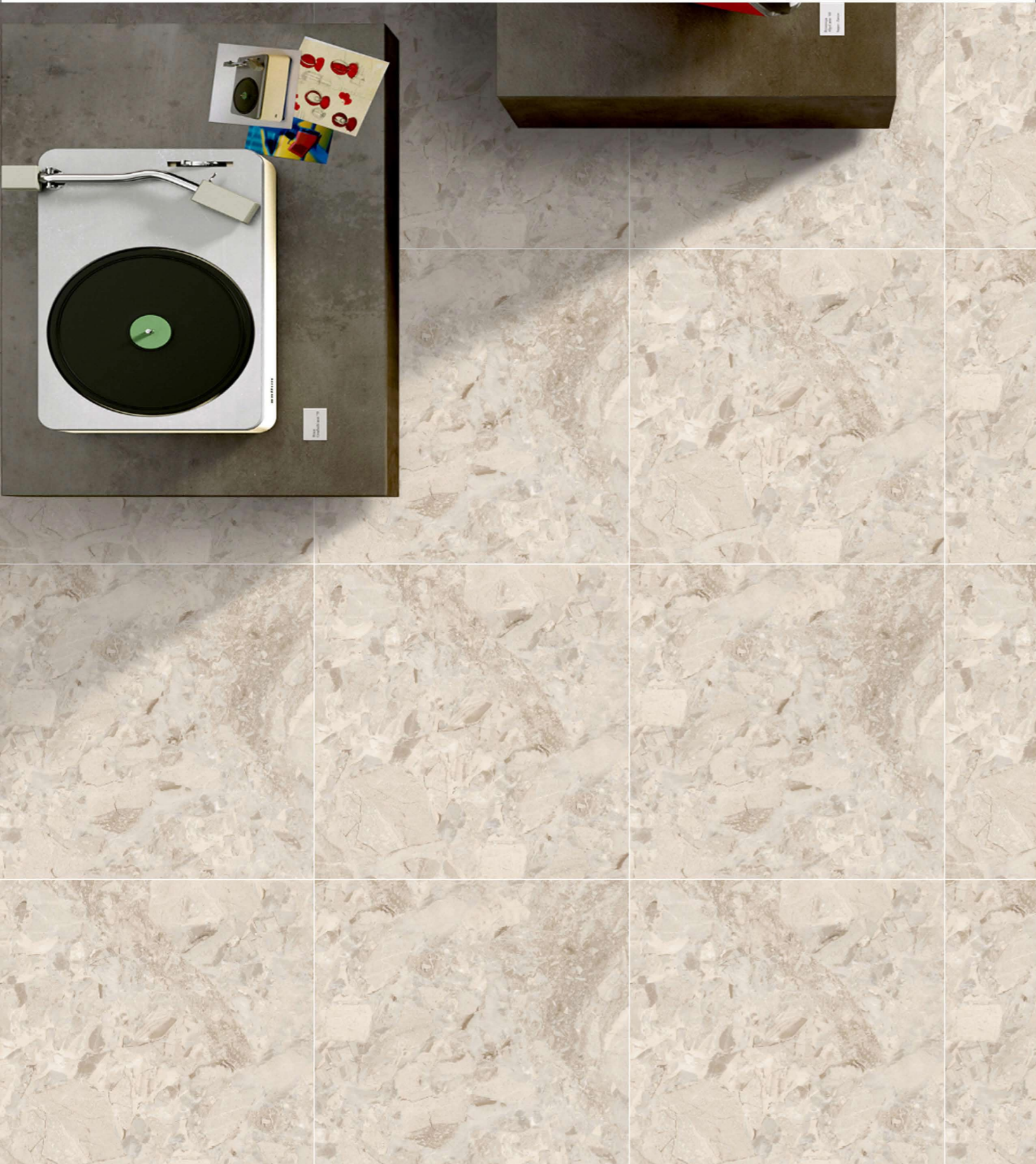
3226-random



3227-random



3228-random



## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3229-random



3230-random



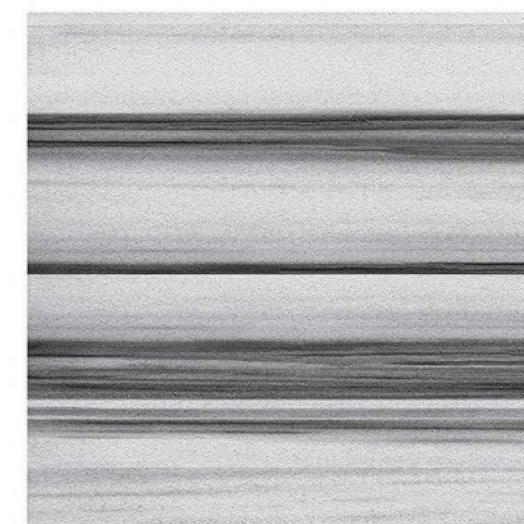
## Marble Series

600x600mm  
60x60cm | 24"x24"

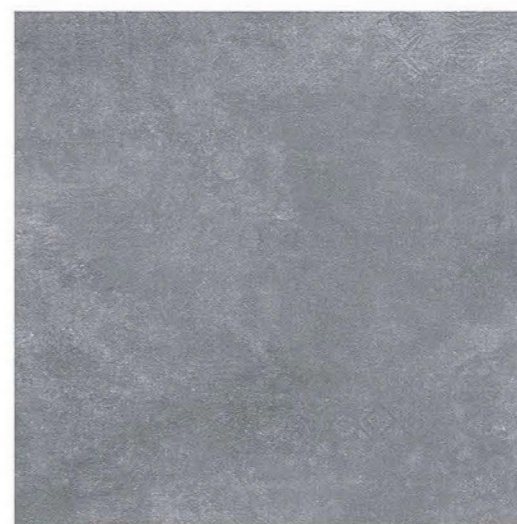
GRES FINE PORCELLANATO



3139-random



3140-random



3141



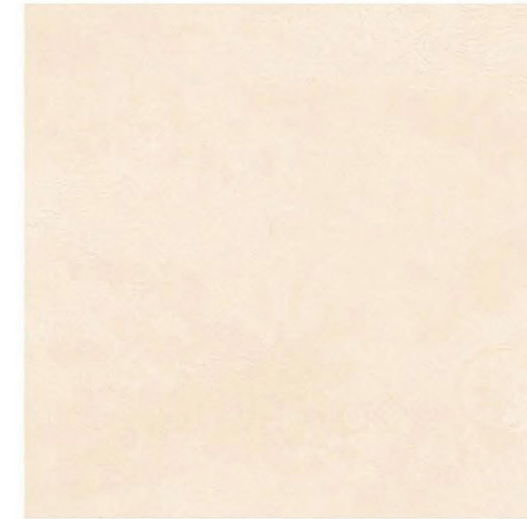
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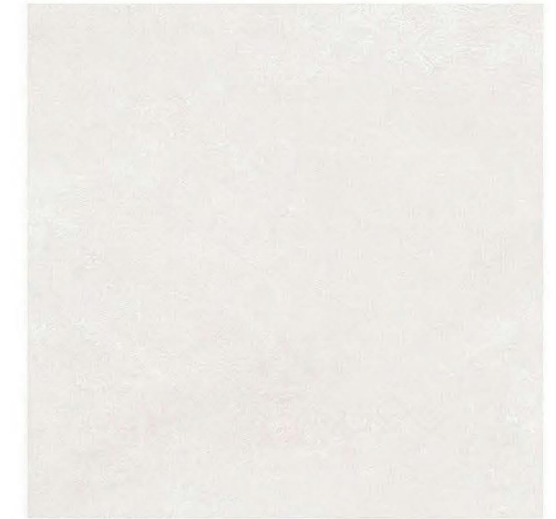
### Marble Series

600x600mm  
60x60cm | 24"x24"

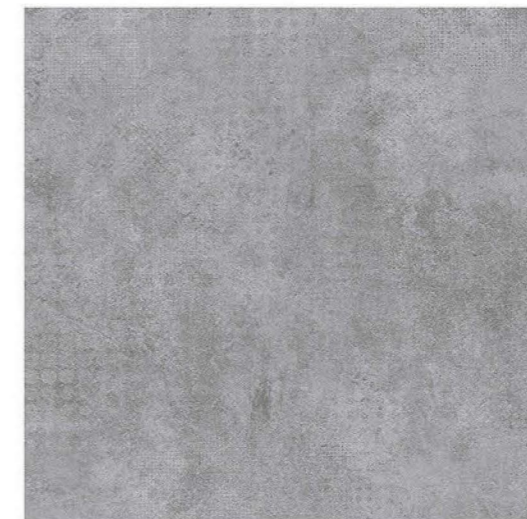
GRES FINE PORCELLANATO



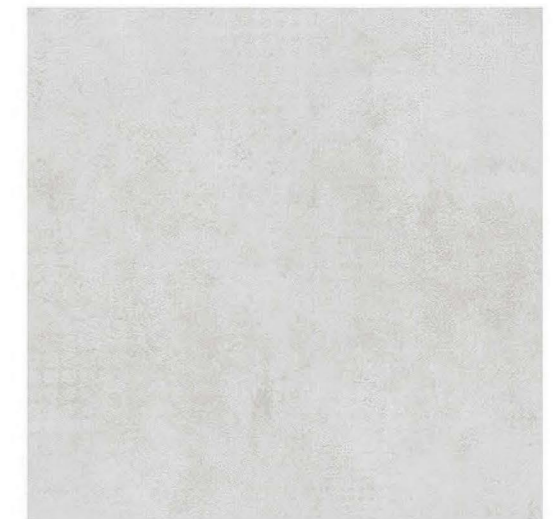
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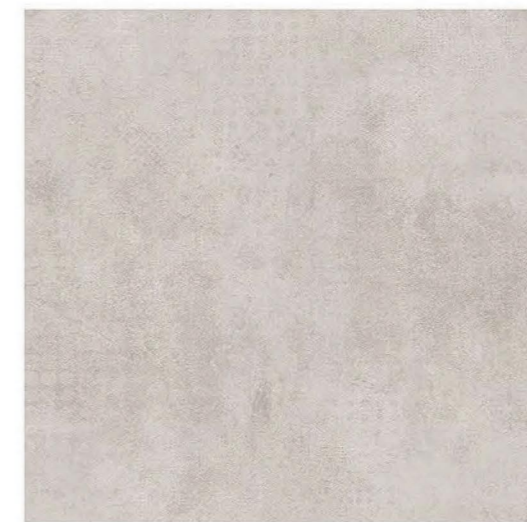
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3145



3146



3147



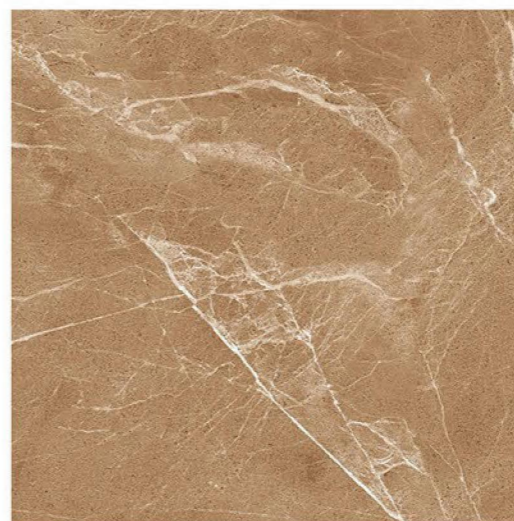
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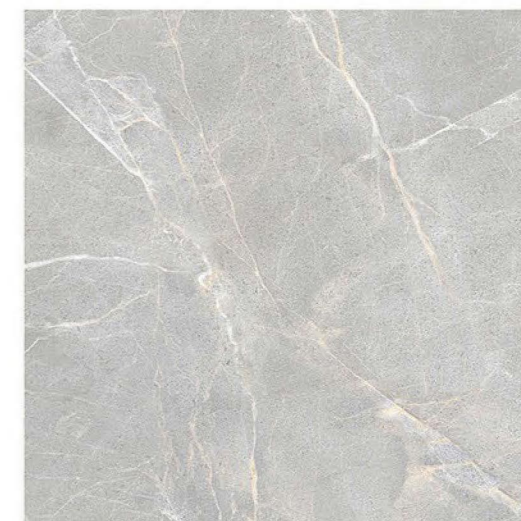
## Marble Series

600x600mm  
60x60cm | 24"x24"

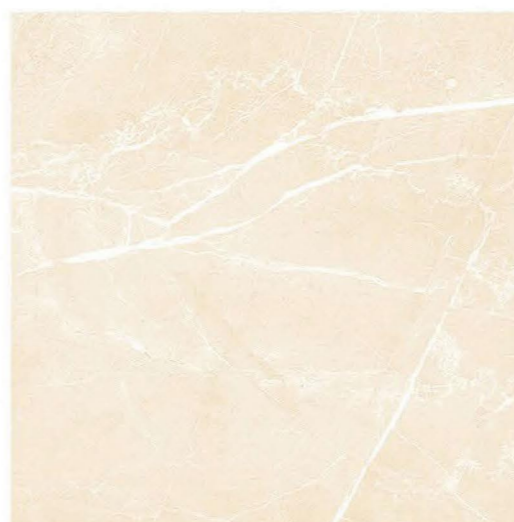
GRES FINE PORCELLANATO



3149-random



3150-random



3151-random



3152-random

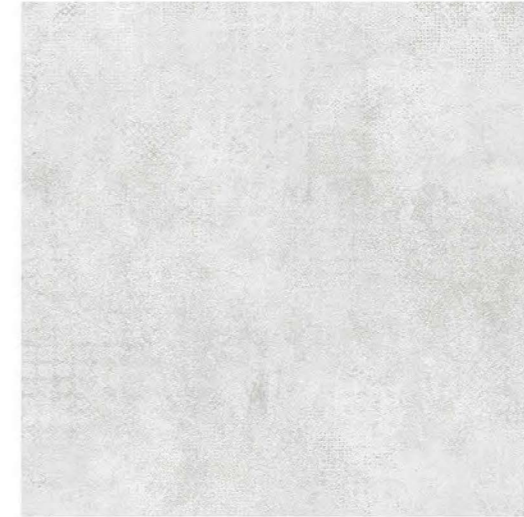




## Marble Series

600x600mm  
60x60cm | 24"x24"

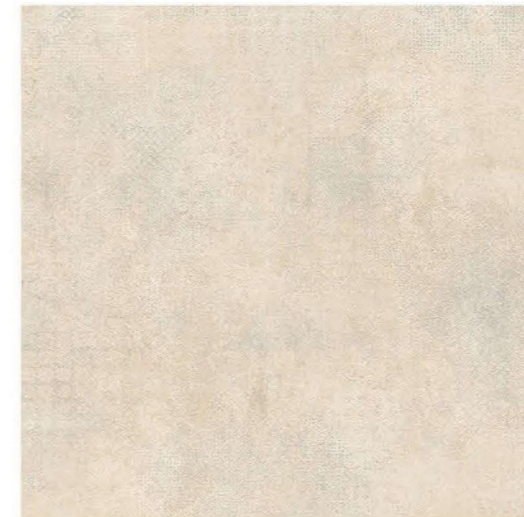
GRES FINE PORCELLANATO



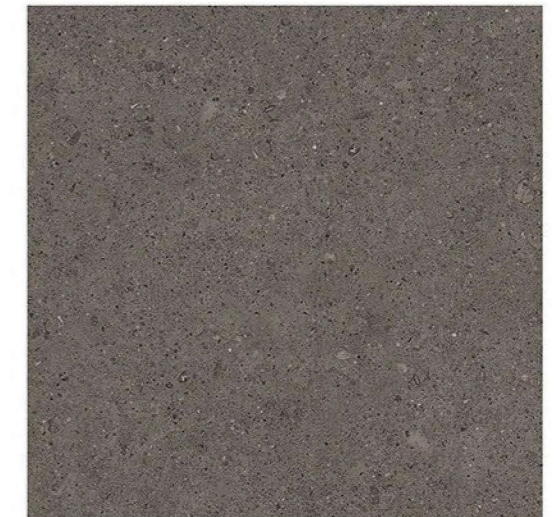
3153



3156



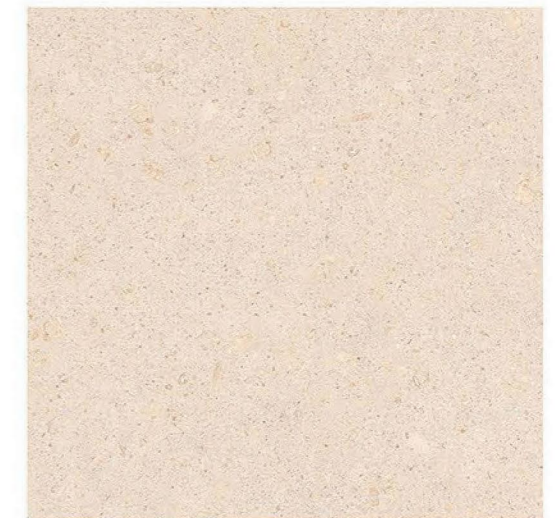
3154



3157



3155



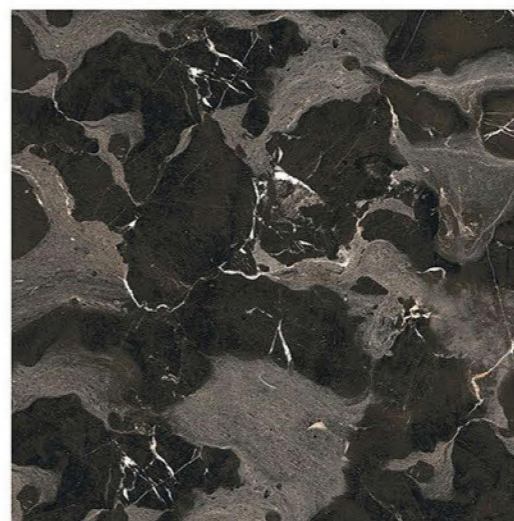
3158



**Marble Series**

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO



3159-random



3162



3160-random



3163



3161-random



3166

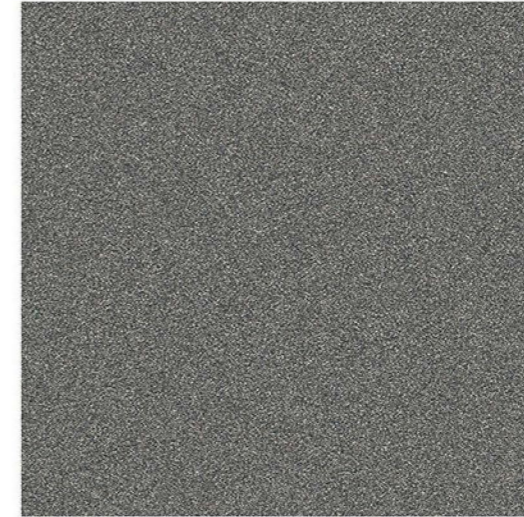


## Marble Series

600x600mm  
60x60cm | 24"x24"

GRES FINE PORCELLANATO

RANDOM WALL TILES FLOOR TILES LIVING AREA



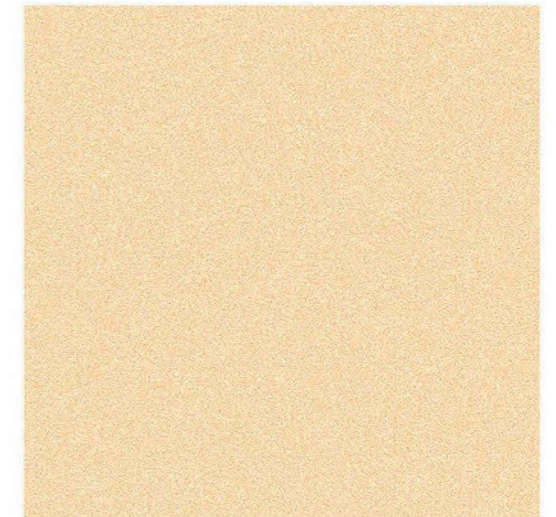
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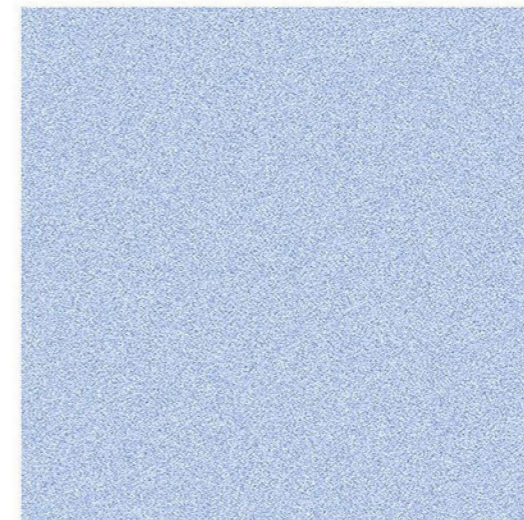
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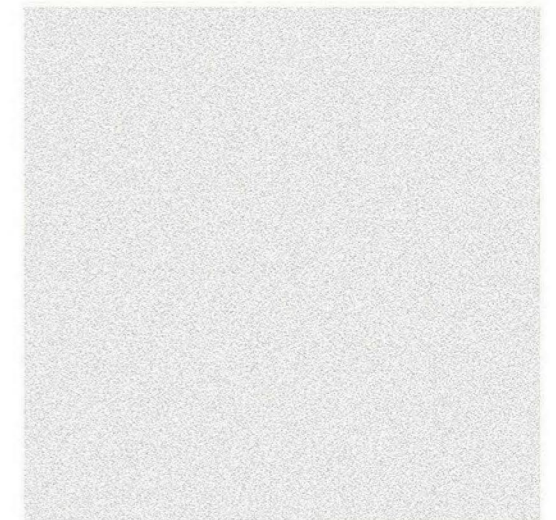
3167



3168



3169



3170



# TECHNICAL SPECIFICATION 600x600MM

S.No	Technical Characteristics	* IS 15622:2017, *EN 14411:2016 & ISO 13006:2018	Tile's Specification	Test method
1.	Deviation in length & width	± 0.1 %	± 0.10 %	IS 13630-1
		± 0.6 %/ ± 0.3 %		EN ISO 10545-2
2.	Deviation in thickness	± 5.0 %	± 5.00 %	IS 13630-1
				EN ISO 10545-2
3.	Deviation in Straightness of sides	± 0.1 %	± 0.10 %	IS 13630-1
		± 0.5 %/± 0.3 %		EN ISO 10545-2
4.	Deviation in Rectangularity	± 0.1 %	± 0.10 %	IS 13630-1
		± 0.5 %/± 0.3 %		EN ISO 10545-2
5.	Deviation in Surface Flatness	± 0.5 %	± 0.15 %	IS 13630-1
		± 0.5 %/± 0.4 %		EN ISO 10545-2
6.	Surface quality	95% of the tiles shall be free from visible defects	95% of the tiles shall be free from visible defects	IS 13630-1
				EN ISO 10545-2
7.	Modulus of rupture	Avg. 35 N/mm <sup>2</sup> ,	≥ 40 N/mm <sup>2</sup>	IS 13630-6 / EN ISO 10545-4
		individual Min 32 N/mm <sup>2</sup>		
8.	Breaking strength	Minimum 1300 N	≥ 2000 N	IS 13630-6 / EN ISO 10545-4
9.	Bulk Density	Minimum 2.20 g/cc	≥ 2.25 g/cc	IS 13630-2
10.	Glossiness	Manufacture to state the class	Min 5 for Rustic/Matt/Satin Finish	Glossimeter 60 degrees
			Min 90 for Polish Finish	
11.	Water Absorption	≤ 0.08 %, Individual Max 0.1%	Max 2 & 3 %	IS 13630-2 / EN ISO 10545-3
		≤ 0.5 %, Individual Max. 0.6 %		
12.	Resistance to surface abrasion of Glazed tiles	Minimum Class II	PEI-Class III to Class IV	IS 13630-11
		Report abrasion class and cycles passed		EN ISO 10545-7
13.	Thermal expansion from ambient temperature to 100 ° C	Test method available	6x10 <sup>-6</sup> K <sup>-1</sup> Maximum	IS 13630-4
				EN ISO 10545-8
14.	Thermal shock resistance	10 cycles Minimum	10 cycles Minimum	IS 13630-5
		Test method available		EN ISO 10545-9
15.	Moisture expansion	Maximum 0.02 Millimeter/Metre	Nil	IS 13630-3
		Test method available		EN ISO 10545-10
16.	Crazing resistance (Glazed Tiles)	Passes 4 cycles at 7.5 kg/cm <sup>2</sup>	Passes 4 cycles at 7.5 kg/cm <sup>2</sup>	IS 13630-9
		Required		EN ISO 10545-11
17.	Frost resistance	Required	100 cycles Minimum	IS 13630-10
				EN ISO 10545-12
18.	Resistance to Household Chemicals & Swimming Pool Salts #	Minimum Class AA	Minimum Class AA	IS 13630-8
		Minimum GB		Minimum GB
19.	Resistance to low & high concentration of acids & alkalis #	Manufacturer to state classification	Minimum Class AA	IS 13630-8
			Minimum GLB,GHB	EN ISO 10545-13
20.	Stain resistance**	Minimum Class 1	Minimum Class 1	IS 13630-8
		Minimum Class 3		Minimum Class 3
21.	Slipperiness	Test method available	≥ R-10 for Rustic/Matt/Satin Finish	DIN 51130:2014
			≥ R-9 for Polish Finish	
22.	Co-efficient of friction	Manufacture to state the class	≥ 0.32 for Rustic/Matt/Satin Finish	ISO 10545-17
			> 0.20 for Polish Finish	
23.	Scratch hardness of surface(Moh's scale)	Minimum 5	Min 6 for Rustic/Matt/Satin Finish	IS 13630-13
		Test method available	Min 5 for Polish/Marbletech Finish	EN 101
24.	Impact Resistance	Minimum 0.55	Min 0.55 & No identification of cracking	IS 13630-14
		Test method available		EN ISO 10545-5