

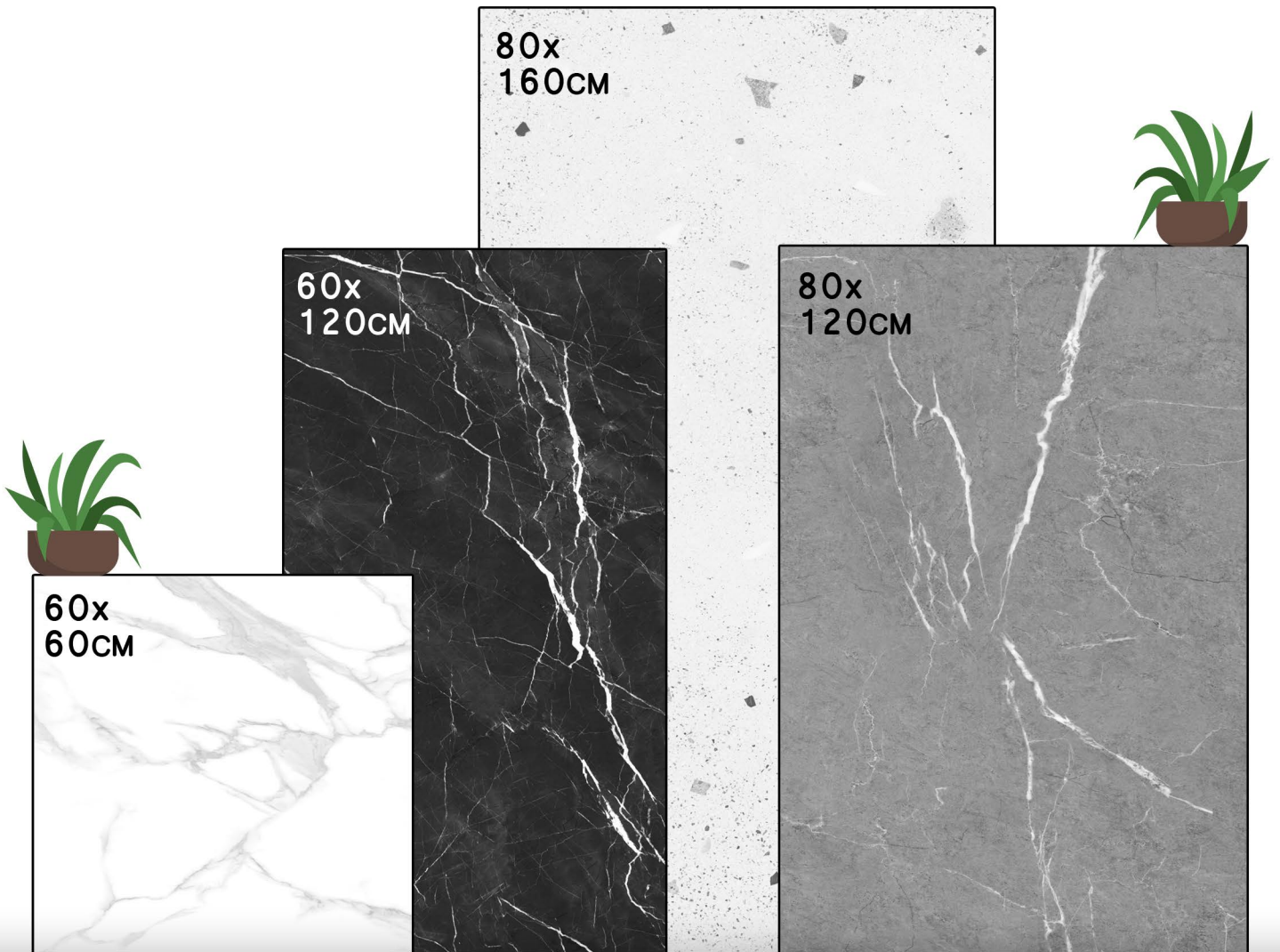


Carving

Series



Available Sizes



Dimensional
Stability



Acid
Resistance



Stain
Resistance



High
Durable



Home
Applicable



Factory
Applicable



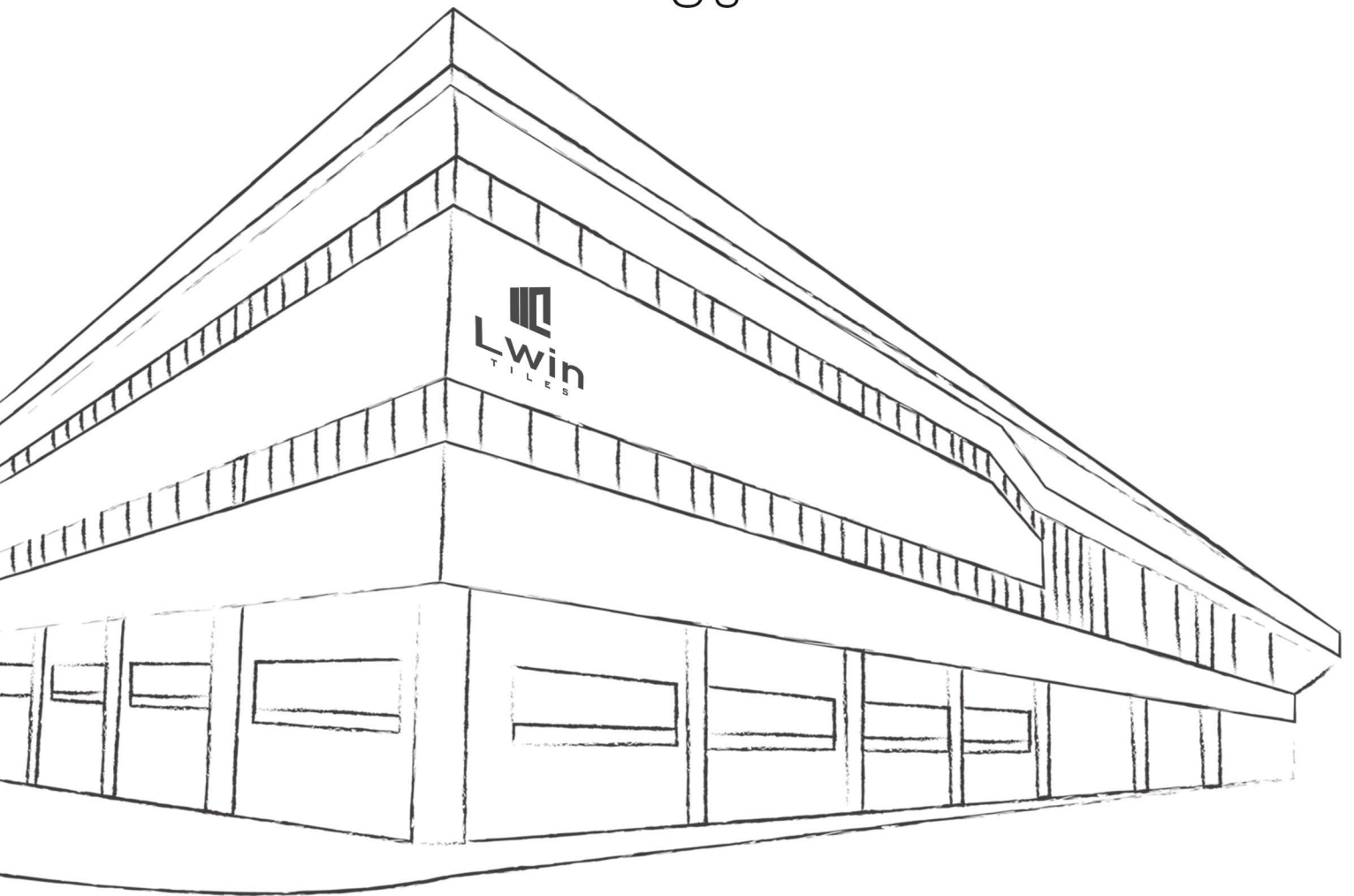
Supermart
Applicable



Hotel
Applicable



About Us



Our **Units** are well equipped with the best technology that allowing us to produce high-quality tiles with a cosistently impeccable finish.

Our excellent **Team** closely monitor every phase of the process. They put greatest effort to deliver on our commitments so that we can creat value for our customers.

Our different and wide range of **Design** collections which consist of technical properties.



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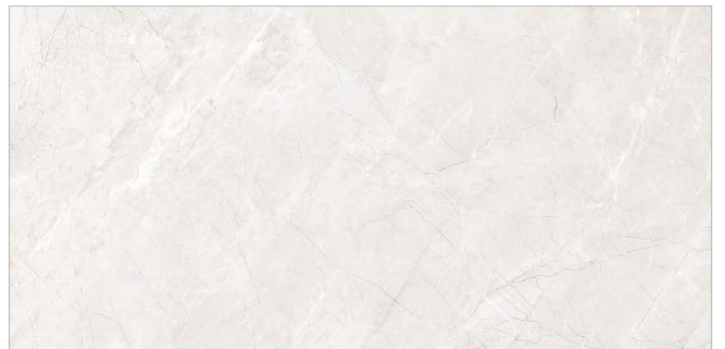
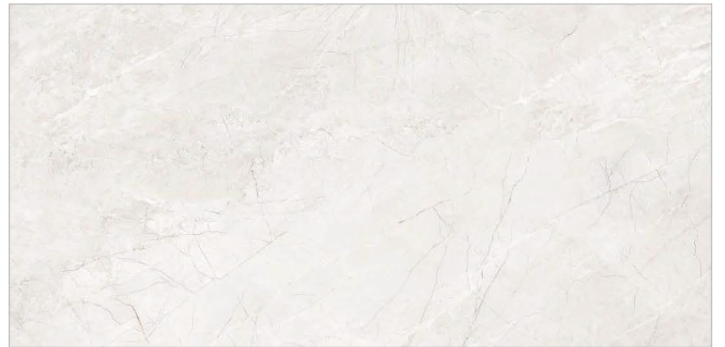
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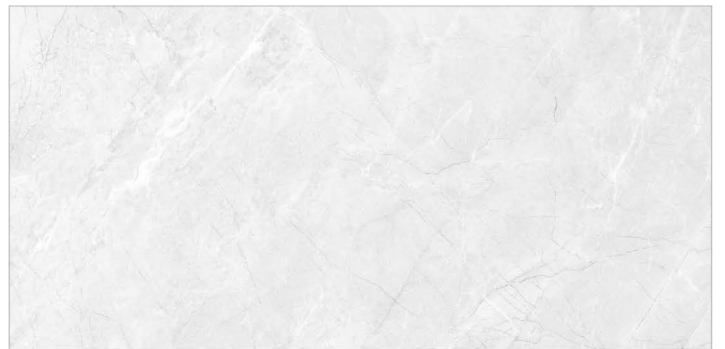
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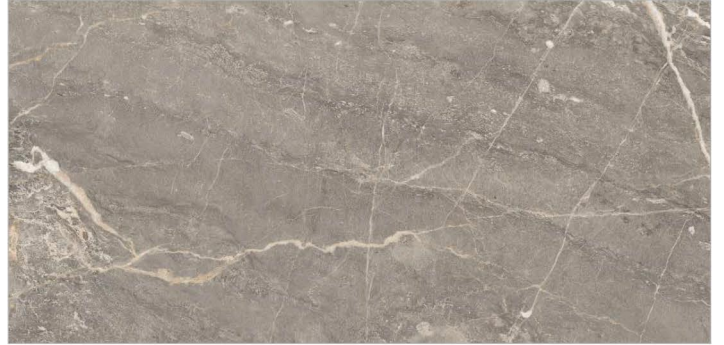
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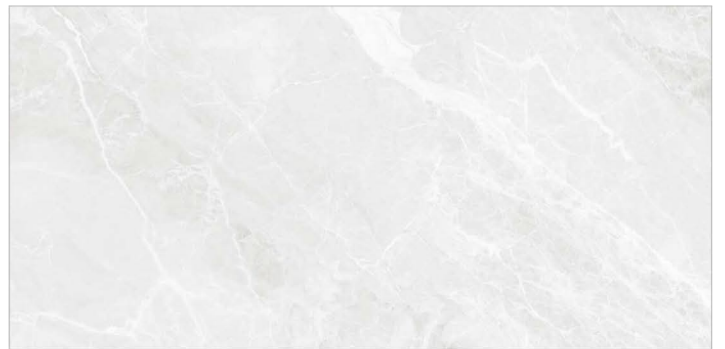
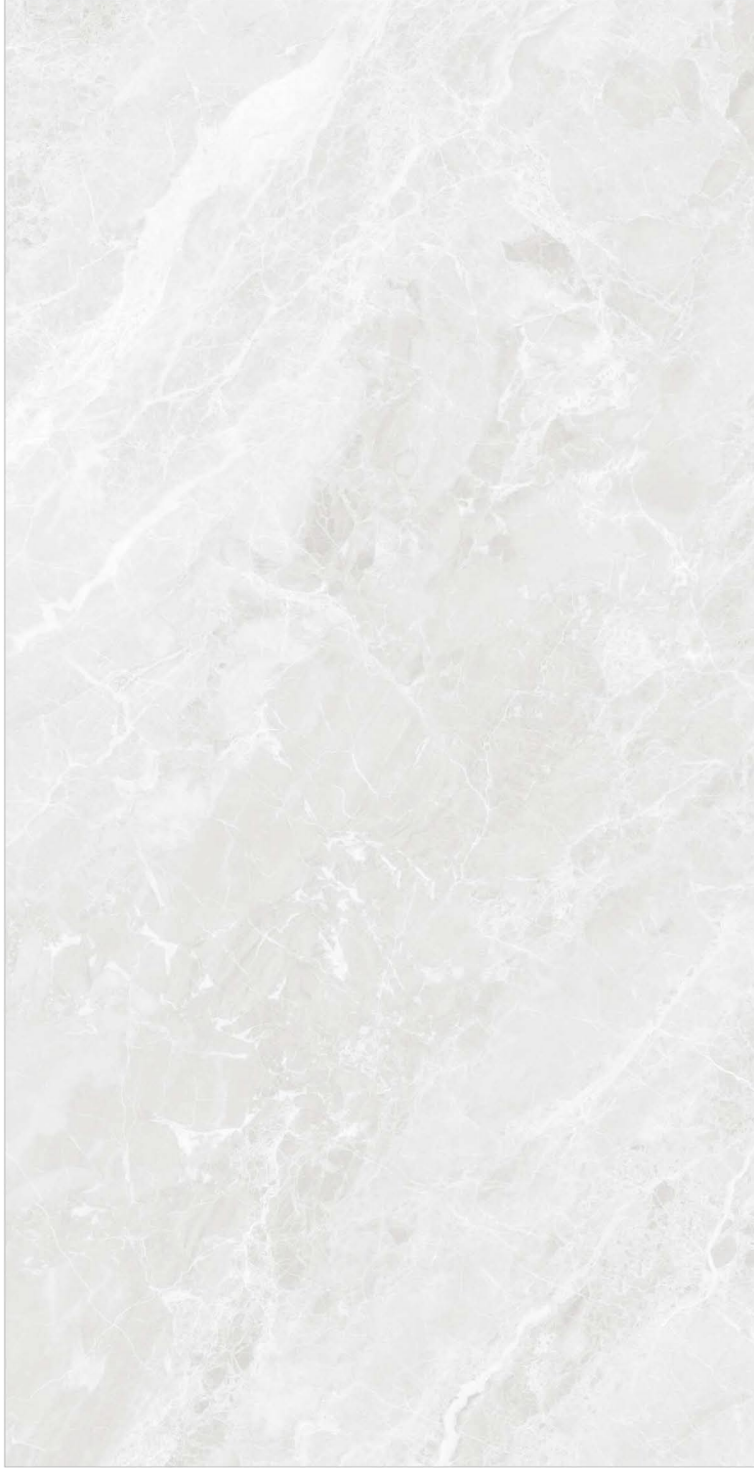
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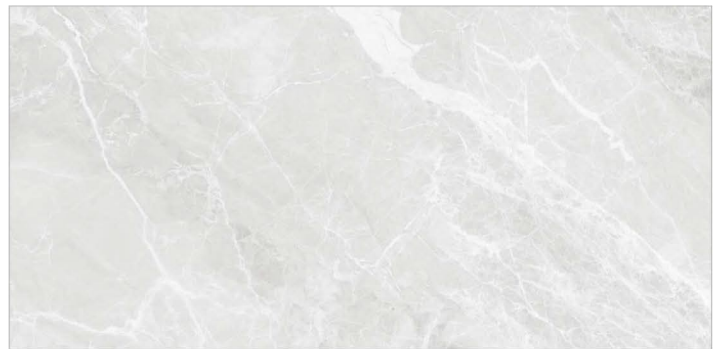
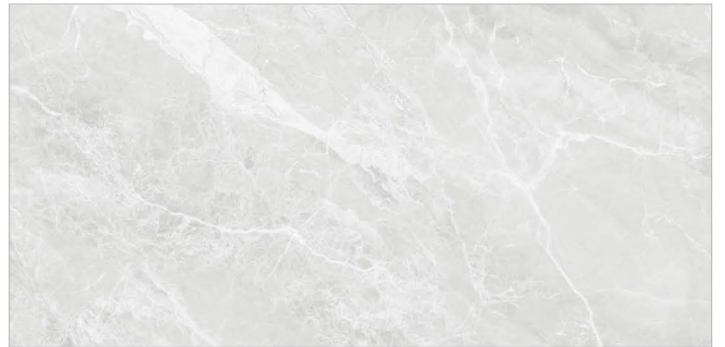
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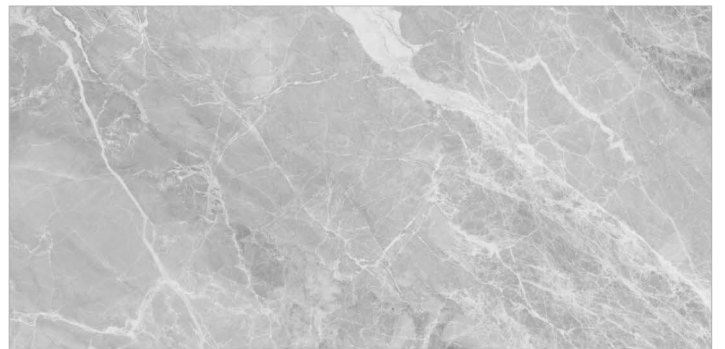
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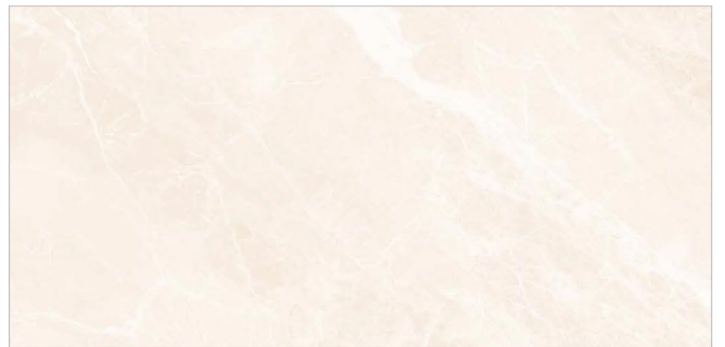
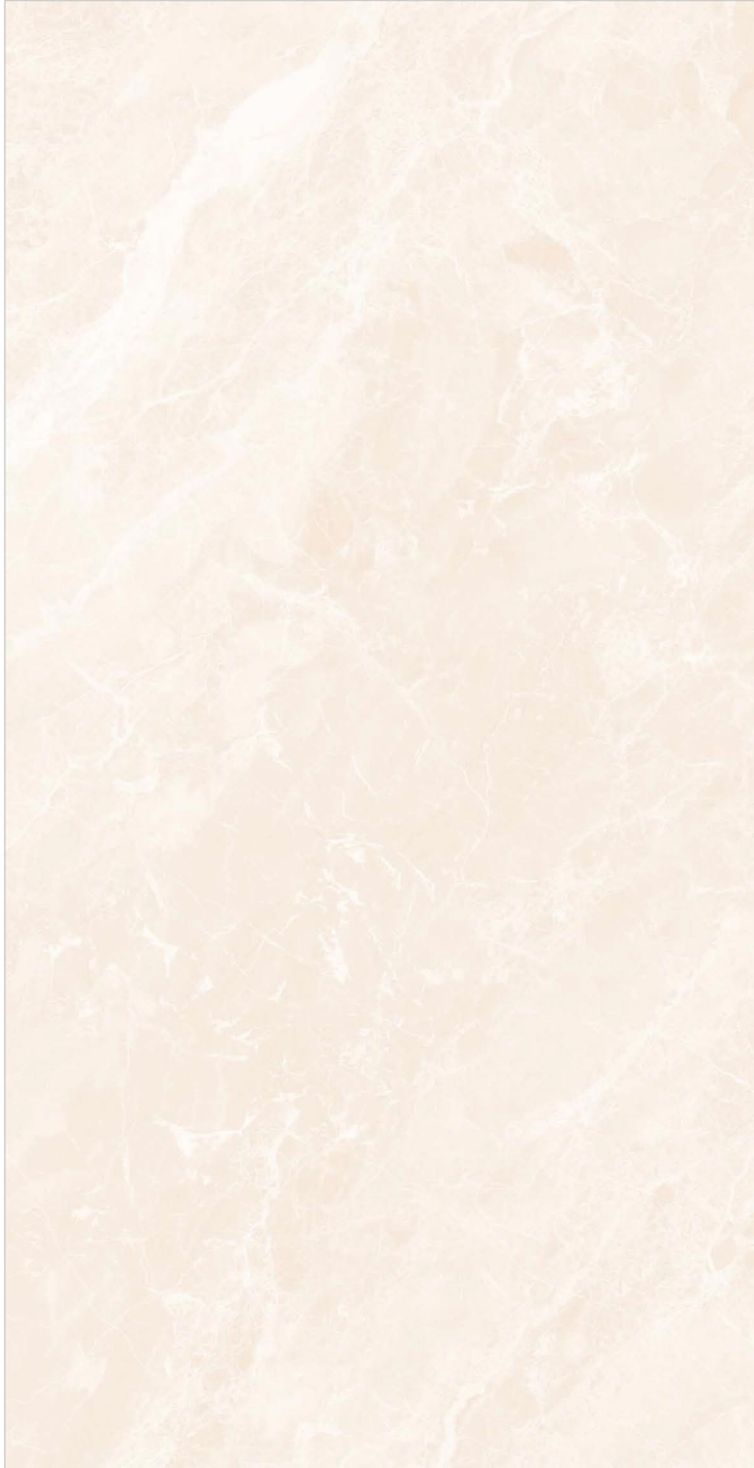
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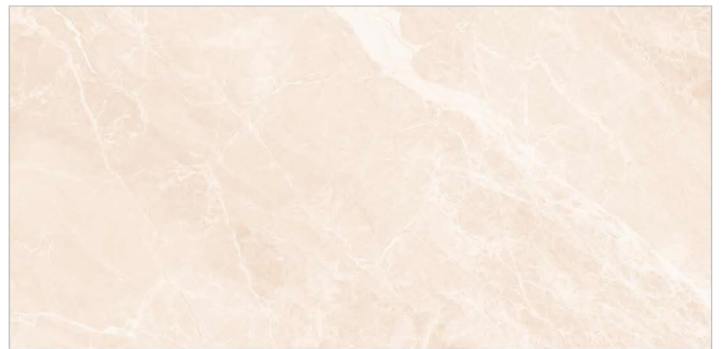
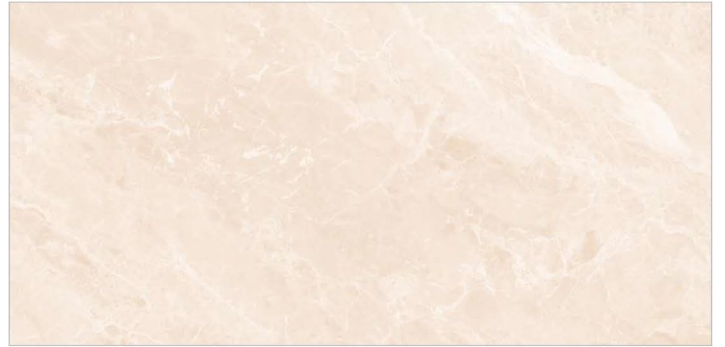
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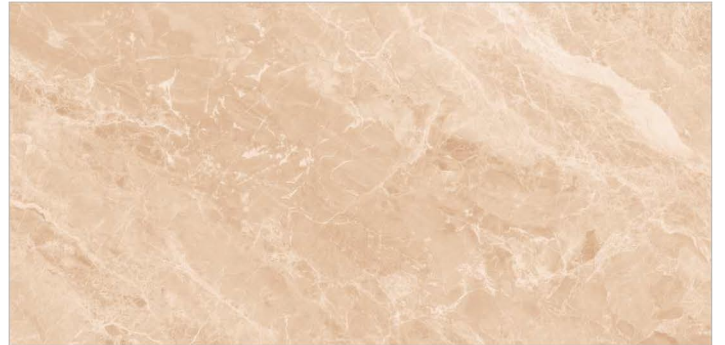
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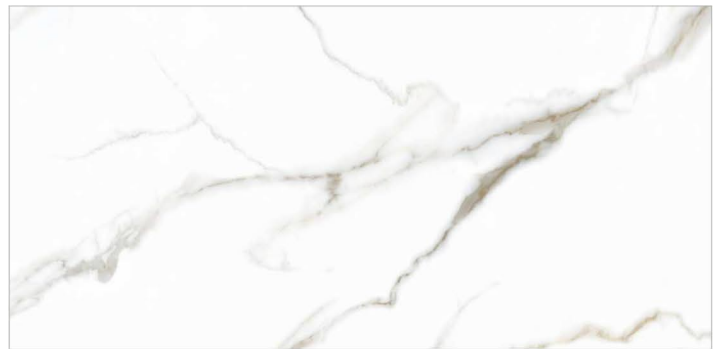
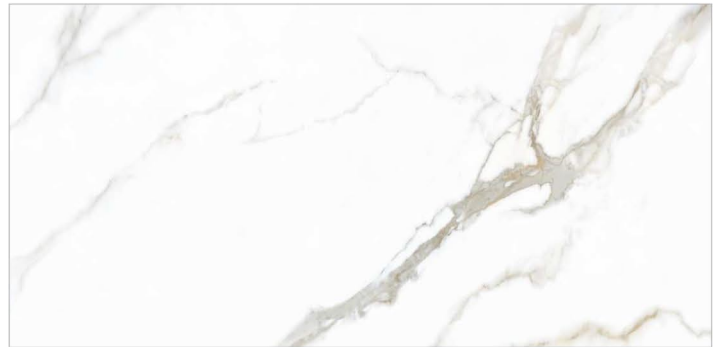
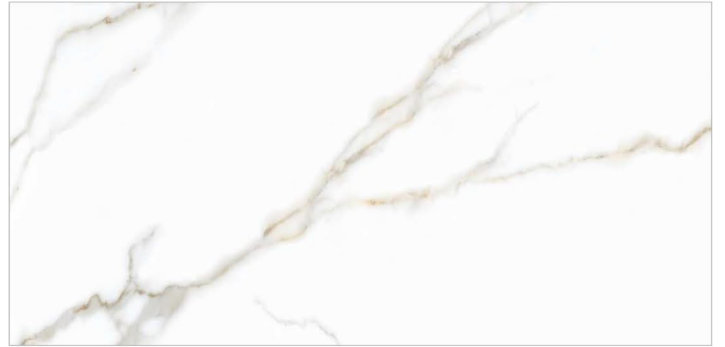
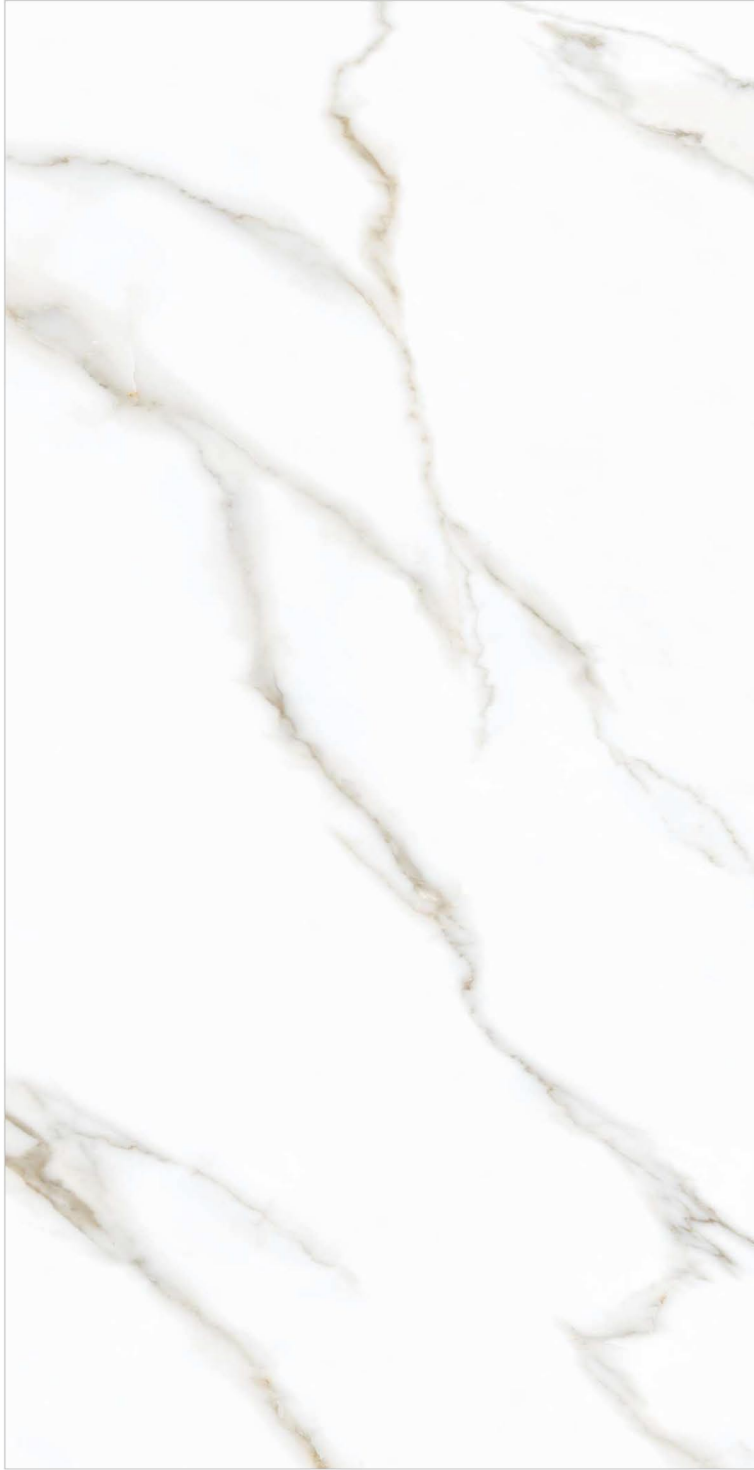
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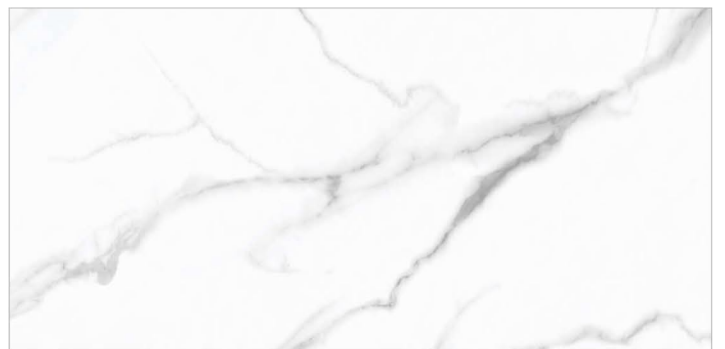
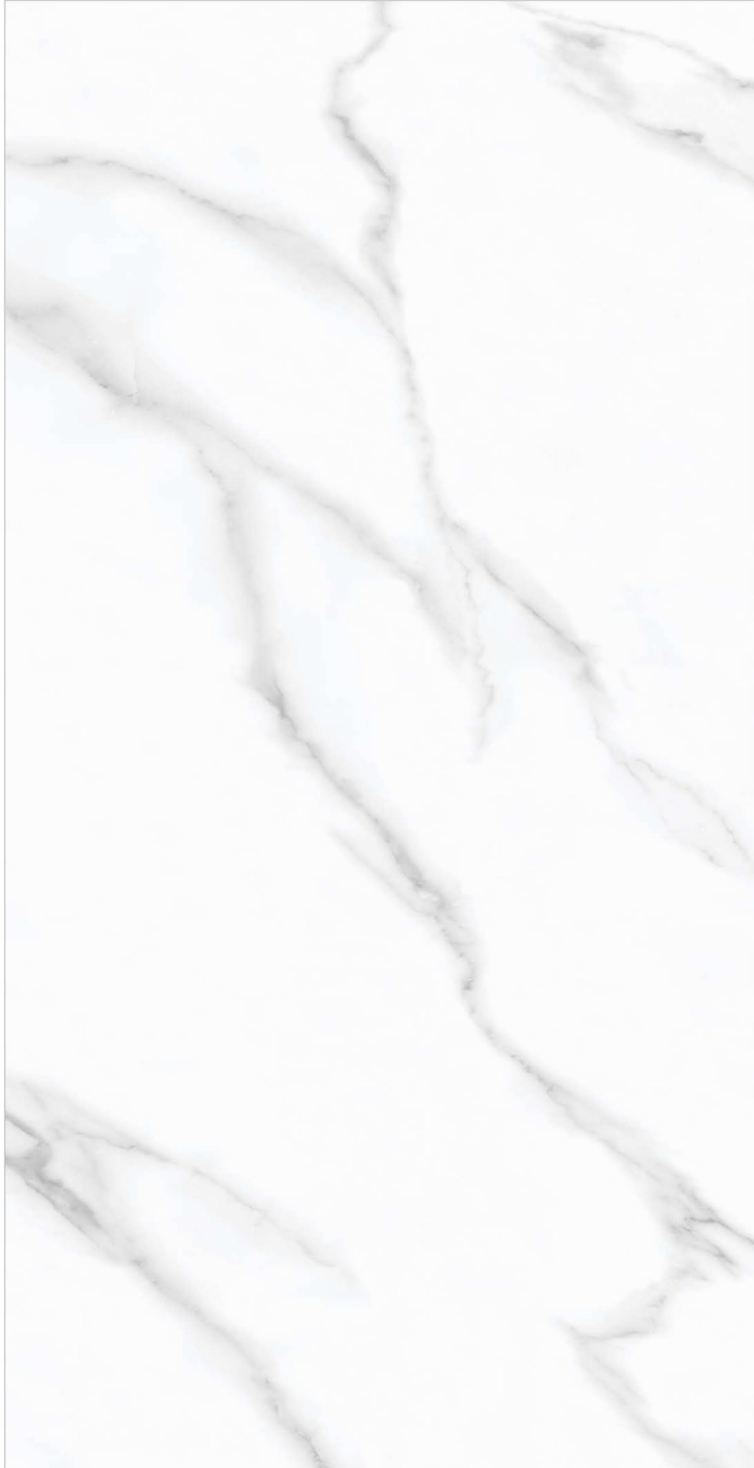
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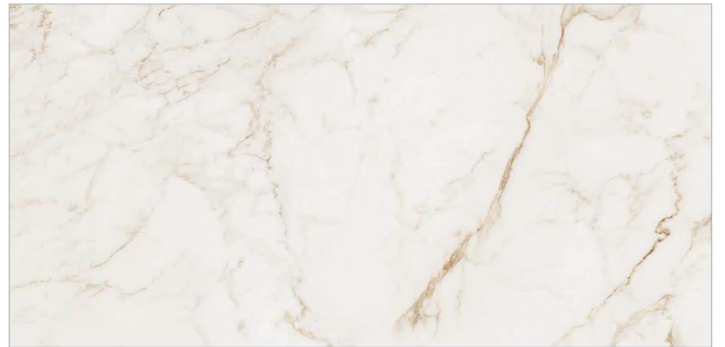
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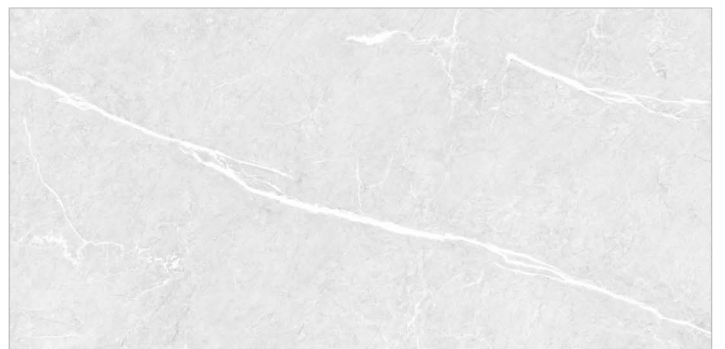
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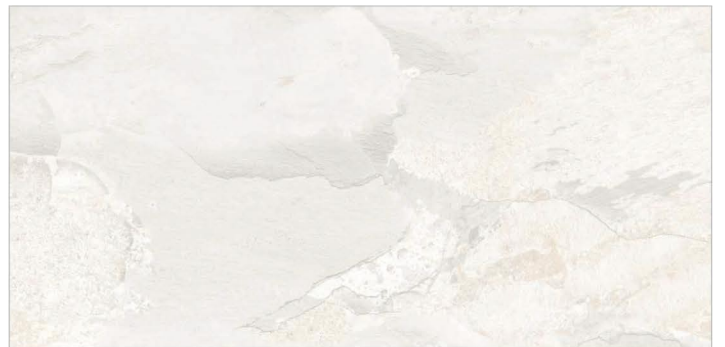
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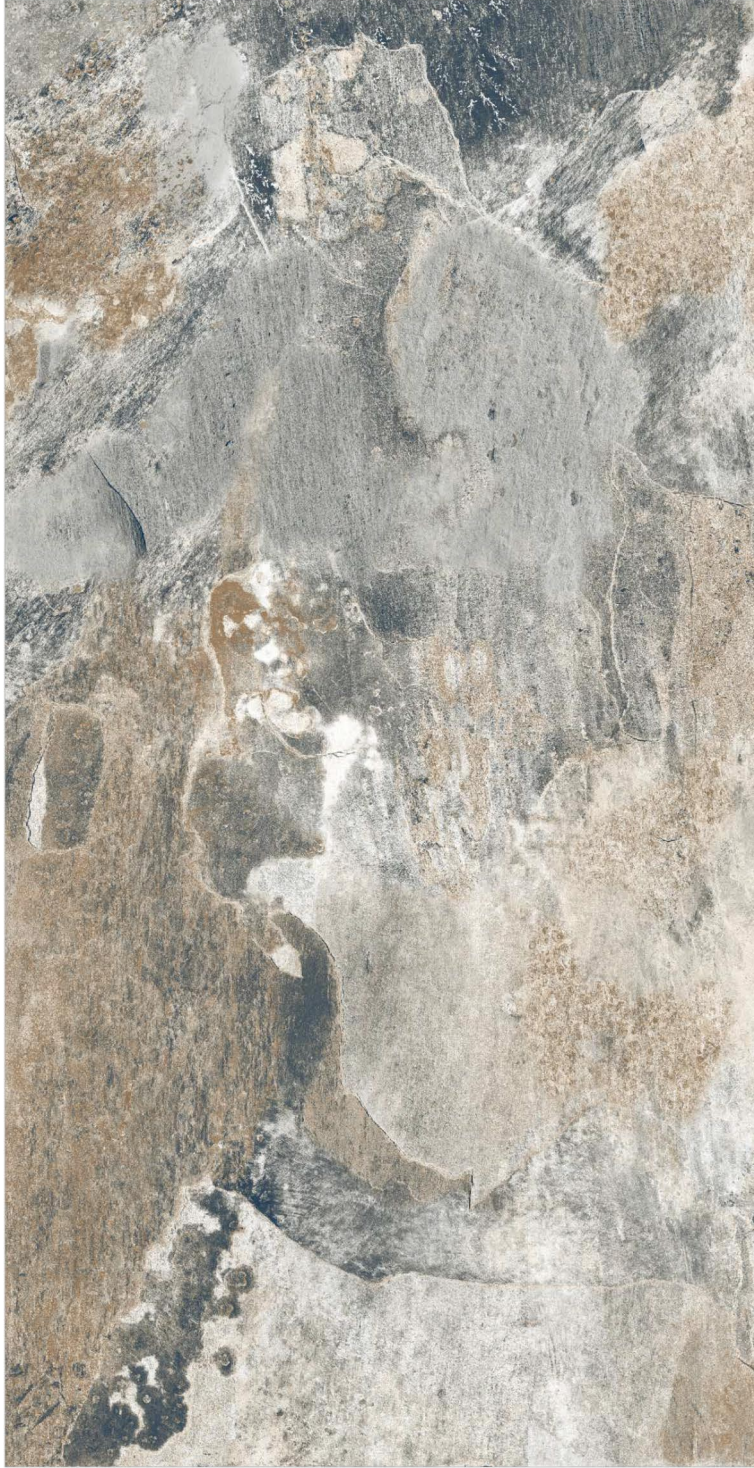
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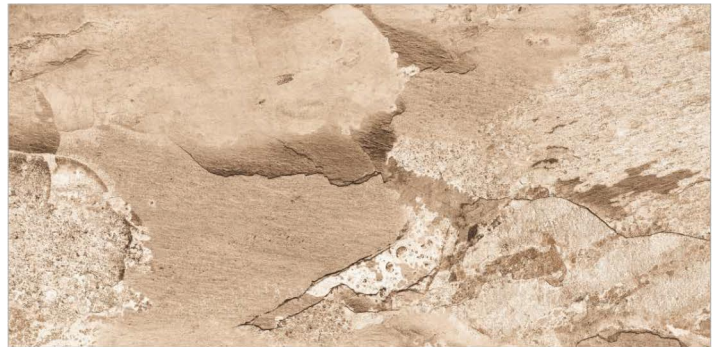
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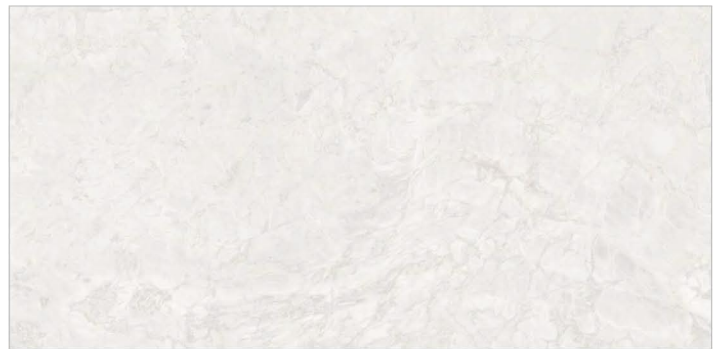
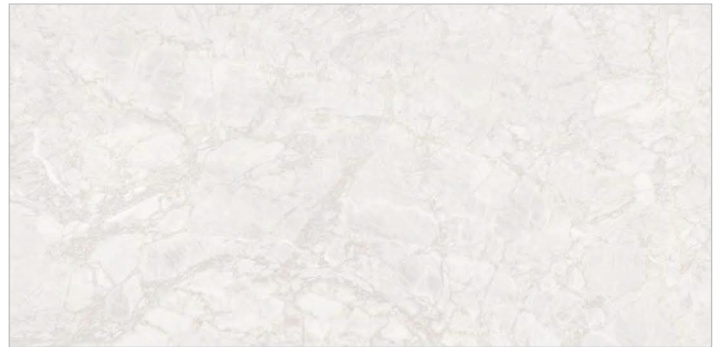
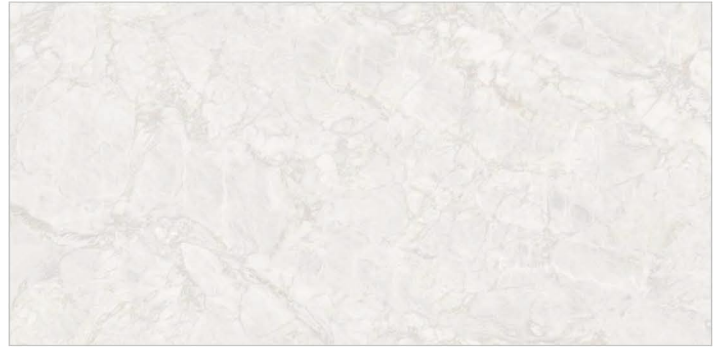
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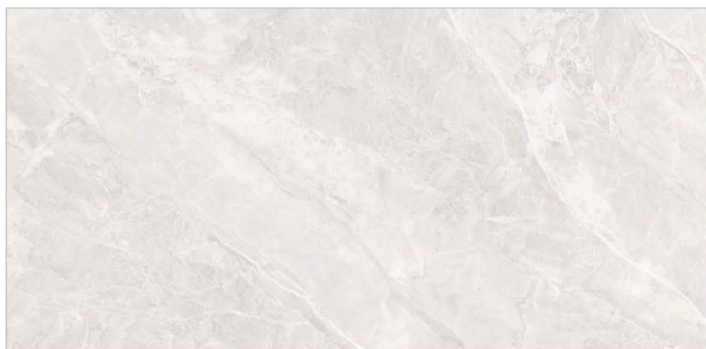
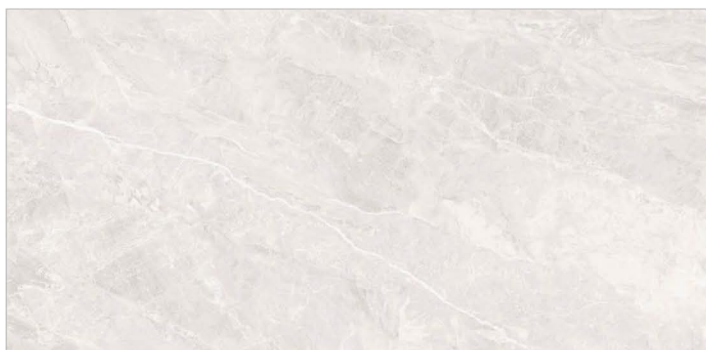
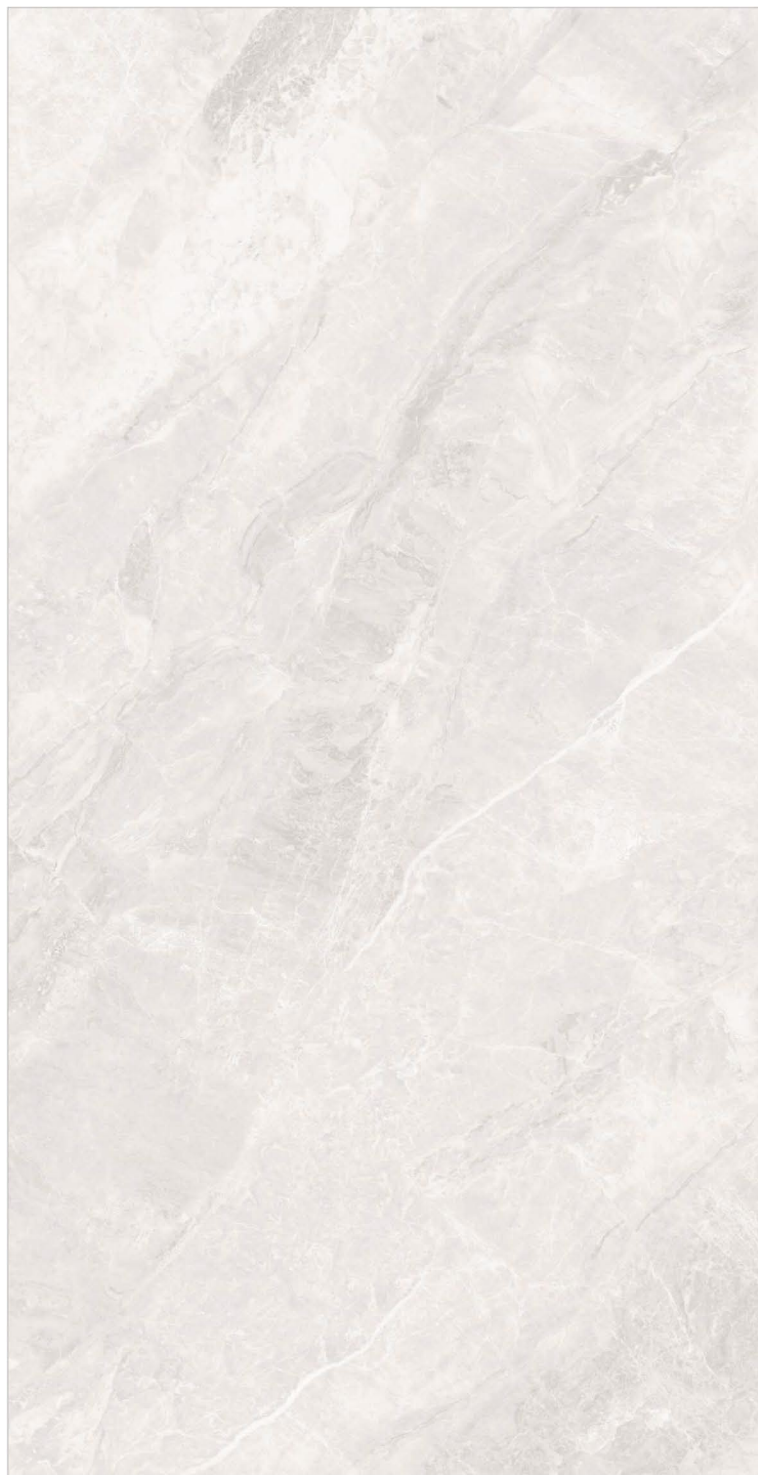
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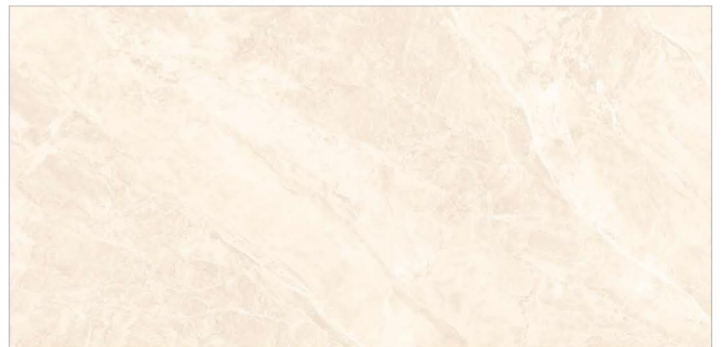
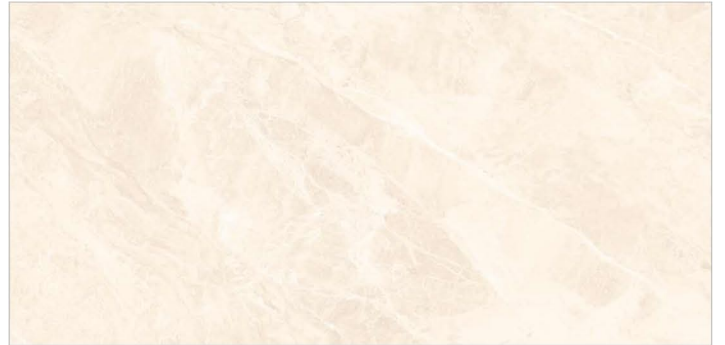
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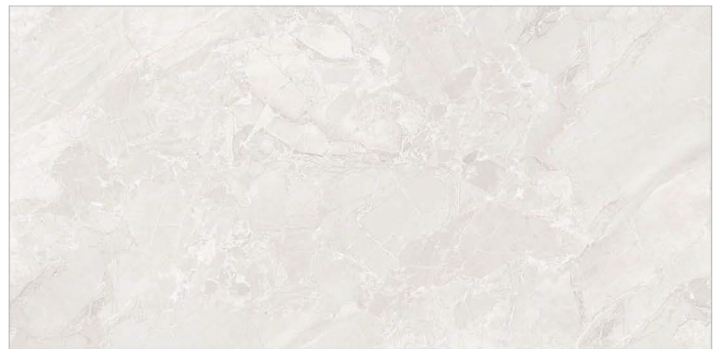
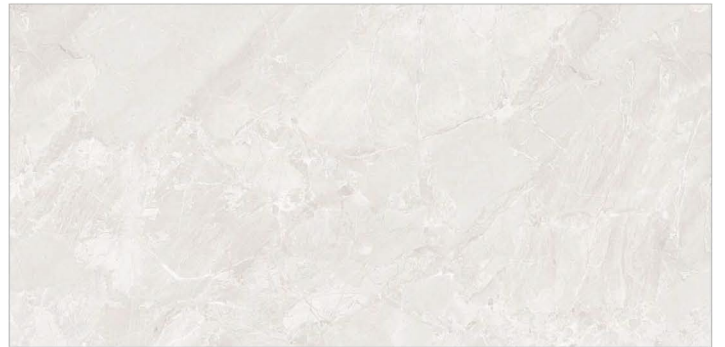
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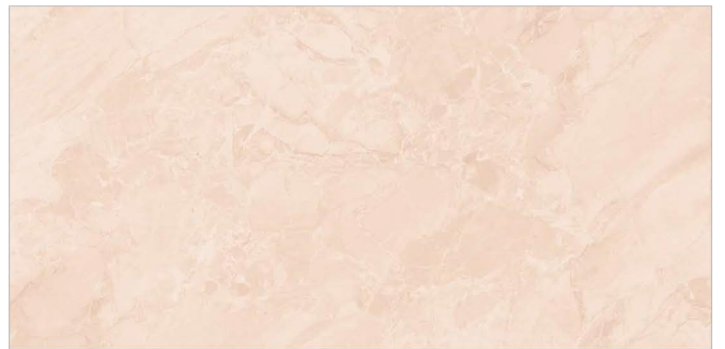
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Lwin Tiles Quality Standards

Standards according to **ISO 13006: Annex G - EN 14411: Annex G.** Dry - Pressed Ceramic Tiles. **Group Bla (E b 0.5%)**

Technical Feature	Test Method	Requirements		Values	
		%	mm	%	mm

A. Dimensions and Surface Quality

Length and Width	UNI EN ISO 10545-2	± 0.6%	± 2.0	± 0.20%	± 1.0
Thickness		± 5.0%	± 0.5	± 5.00%	± 0.5
Straightness of Sides		± 0.5%	± 1.5	± 0.20%	± 1.0
Rectangularity		± 0.5%	± 2.0	± 0.20%	± 1.2
Surface Flatness		± 0.5%	± 2.0	± 0.20%	± 1.0
a) Centre curvature					
b) Edge curvature					
c) Warpage	± 0.5%	± 2.0	± 0.20%	± 1.0	
Surface Quality	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.			Compliant	

B. Physical Properties

Water Absorption	UNI EN ISO 10545-3	$E_b \leq 0.5\%$ Individual maximum : 0.6% (absorbed water mass)	$E_b \leq 0.1\%$ (absorbed water mass)
Breaking Strength	UNI EN ISO 10545-4	Min. 1300 N	≥ 1700 N
Modulus of Rupture		Average minimum 35 N/mm ² Individual minimum 32 N/mm ²	≥ 37 N/mm ²
Frost Resistance	UNI EN ISO 10545-12	Required	Compliant
Coefficient of Linear Thermal Expansion From Ambient Temperature to 100°C	UNI EN ISO 10545-8	Required	6×10^{-6} K ⁻¹ max
Scratch Hardness (Mohs scale)	EN 101	Declared by the producer	3 to 6 Depends on Finish & Color
Crazing Resistance	UNI EN ISO 10545-11	Declared by the producer	4 Cycle Pass

C. Chemical Properties

Resistance to Staining	UNI EN ISO 10545-14	Minimum Class 3	5
Resistance to Household Chemicals and Swimming Pool Salts	UNI EN ISO 10545-13	Minimum GB	GA
Resistance to Low Concentrations of Acids and Alkalies		To be reported	GLA
Resistance to High Concentrations of Acids and Alkalies		To be reported	GHA

Note: Colours shown are as accurate as the limitations of the printing results on paper are possible. Prospective customers are advised to inspect a sample of the tile before placing the order. Every effort has been taken to ensure the accuracy of the information given. However, the company reserves its right to change/alter the specifications without any prior notice. Sometime shade variation or size variation may occur, as this is inherent property of ceramic tile industry. Before fixing the tiles, all are advised to follow the laying instructions printed on the corrugated box of the tile. Company does not take/carry any responsibility of what so ever nature, once tiles are laid.



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