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STONE

inspiration

LEOPARD

COLLECTION

PLIMA GRANITE



MT-PL-220

Measures
120x180

In
48"x110"



Our product, inspired by the Dolomite mountains, which combines the richness of color with a perfect aesthetic, is designed for those who want to create spaces with a character that reflects the striking harmony of nature.





Measures
120x180
In
48"x110"

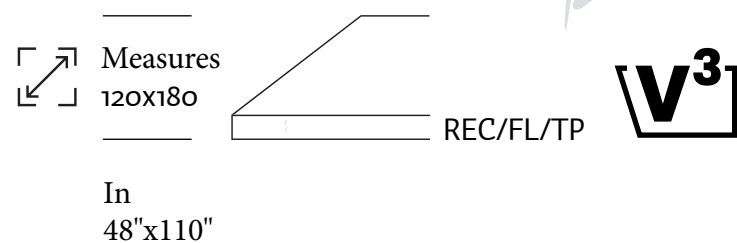


Synthesizing sophisticated details with a naturalist line, our product conveys the virgin nature of Piemonte with its unique lines.

MALAWI



MT-MAL-150



Our product, which creates an inspiring effect indoors and outdoors with its natural stone appearance, will bring the captivating beaches of Italy to your living spaces.

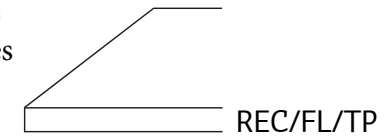




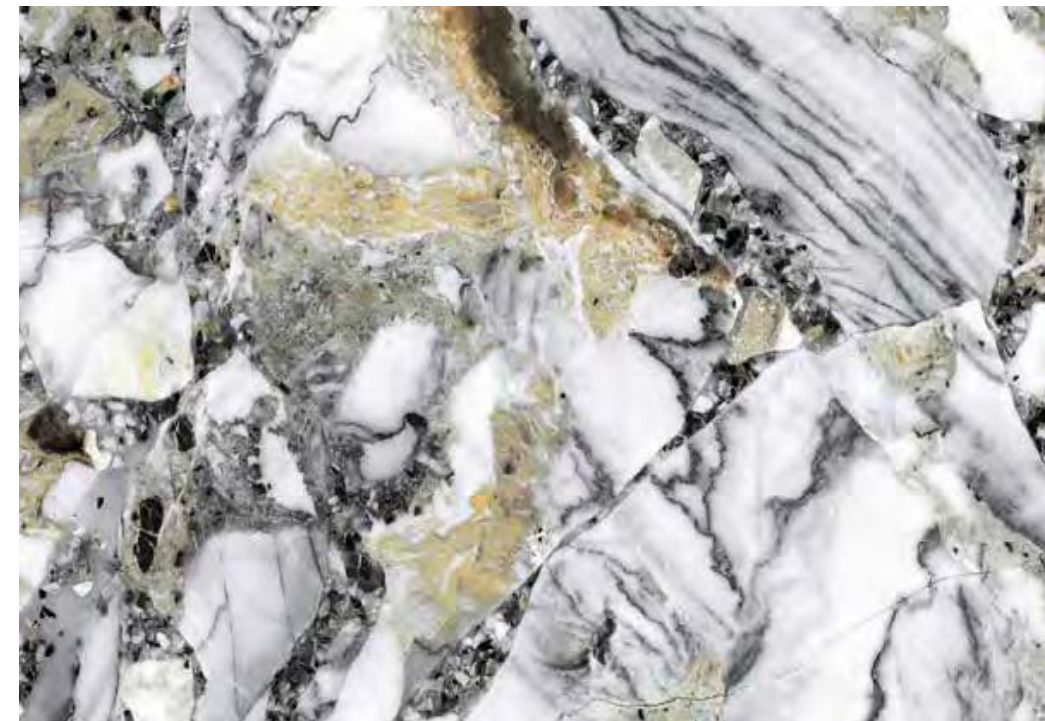
WHITE BEAUTY

MT-WH-230

Measures
6x120



In
24"x48"

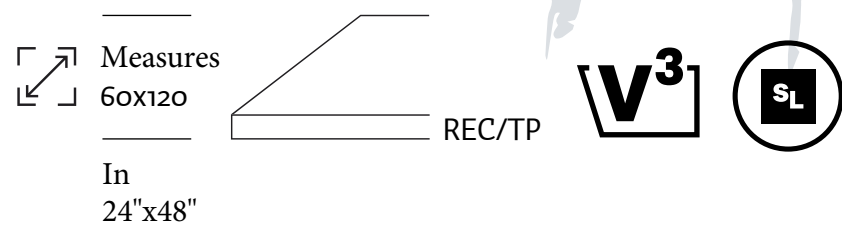


Our product, which carries the holistic beauty of Capo Vaticano, the unique wonder of Italian nature, creates a brand new aura on floors and walls and leaves them under its influence with its reflections.

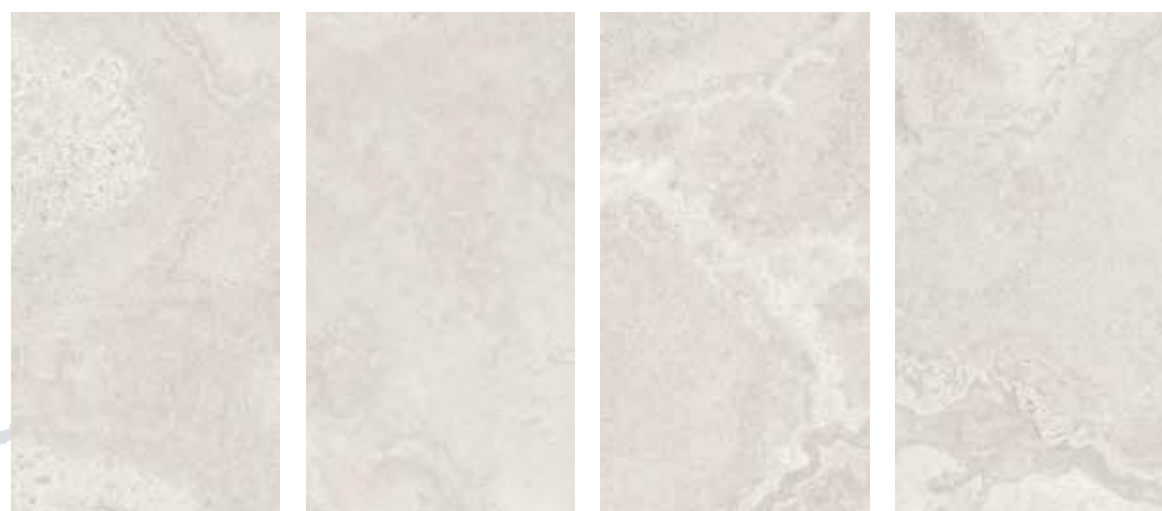
RIVER IVORY



MT-RI-235



Our product, which carries the unique texture of the white cliffs of Scala dei Turchi to its patterns, creates architectural values that inspire with its form and harmonize with its style.

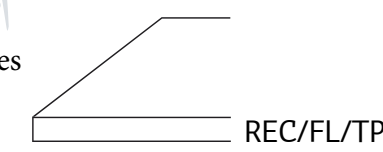




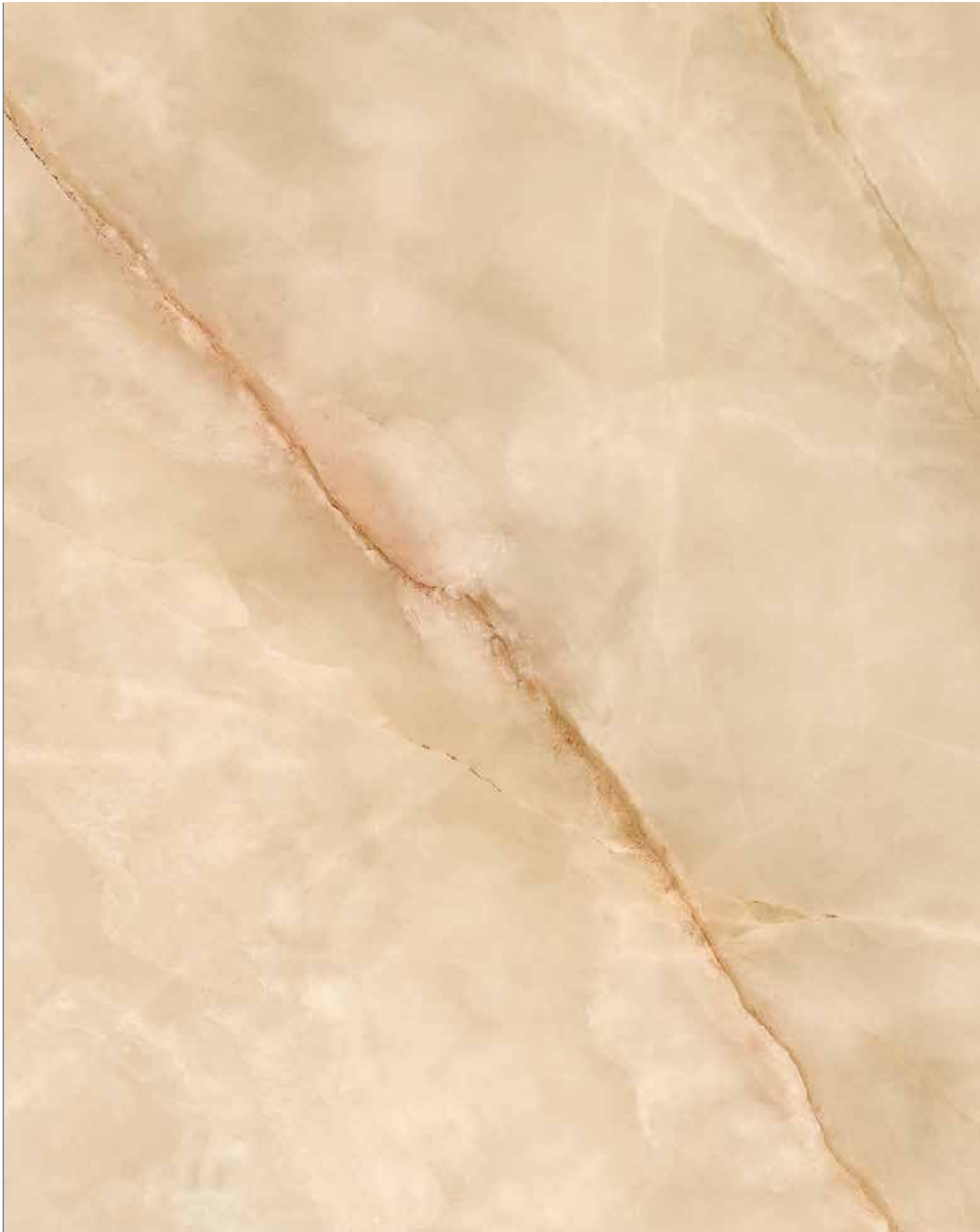
PATCHWORK

MT-PA-240

Measures
6x120
In
24"x48"

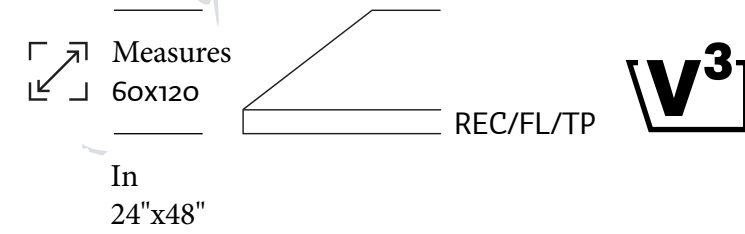


Presenting the strong and natural notes of Sicily in an iconic design, our product is ideal for those who want to bring the texture of nature to their living spaces.



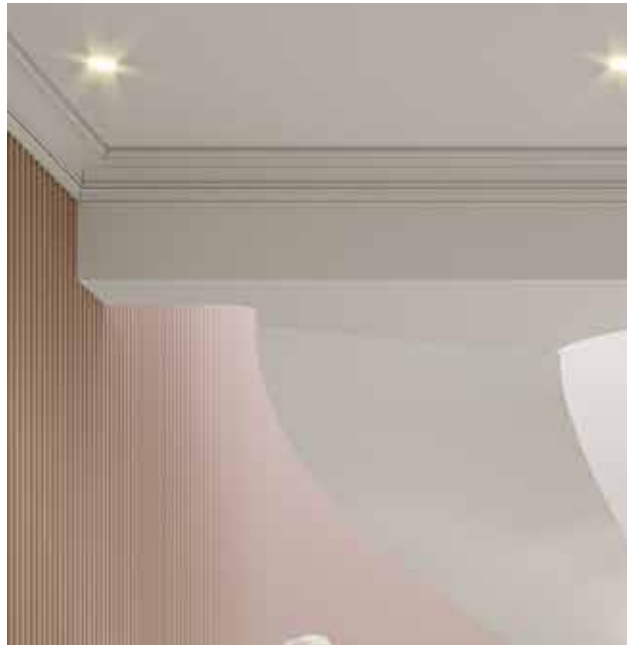
ONYX LATTE

MT-ON-245



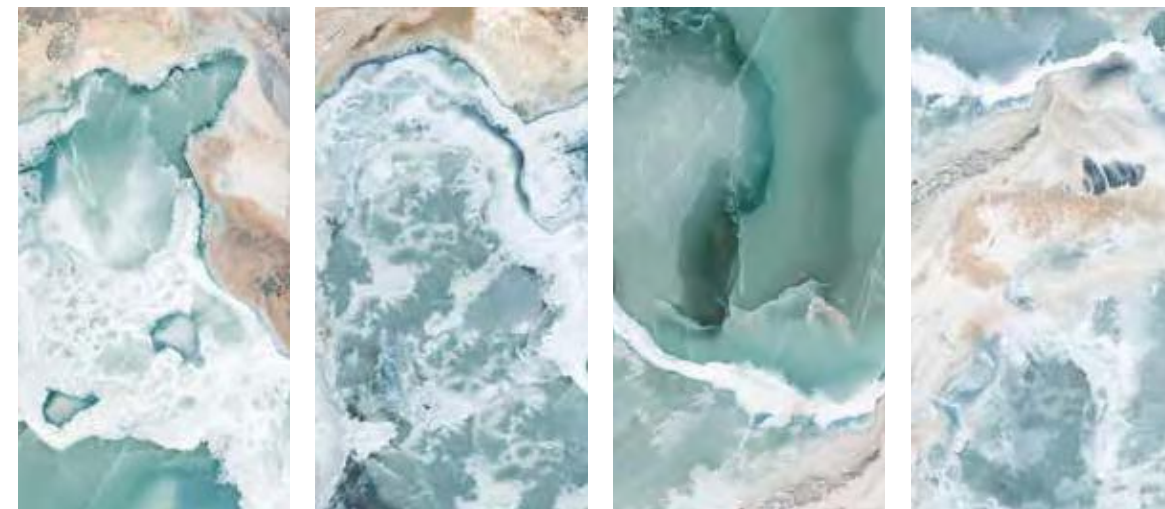
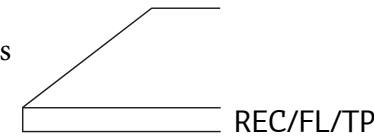
Our product, reflecting the undiscovered warmth of Basilicata, and deepening the ancient wisdom with architectural mastery, creates compositions that will add value to architectural projects that are unique and artistically impressive.





Measures
60x120

In
24"x48"

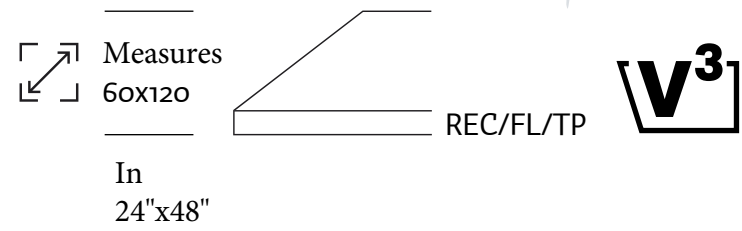


Inspired by the vibrant colors of Bogliasco, the hidden paradise of Italy, our product has a design that is compatible with different styles for those who want to create eye-catching compositions.

LARVIK



MT-LA-105



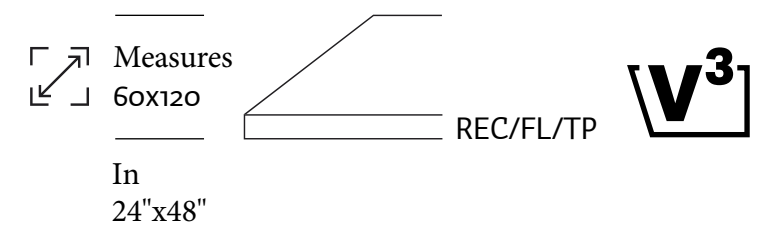
Our product, which has a high aesthetic dose of arithmetic that will add character to indoor and outdoor spaces, carries the mystical lines of Madonna della Corona in its timeless design.



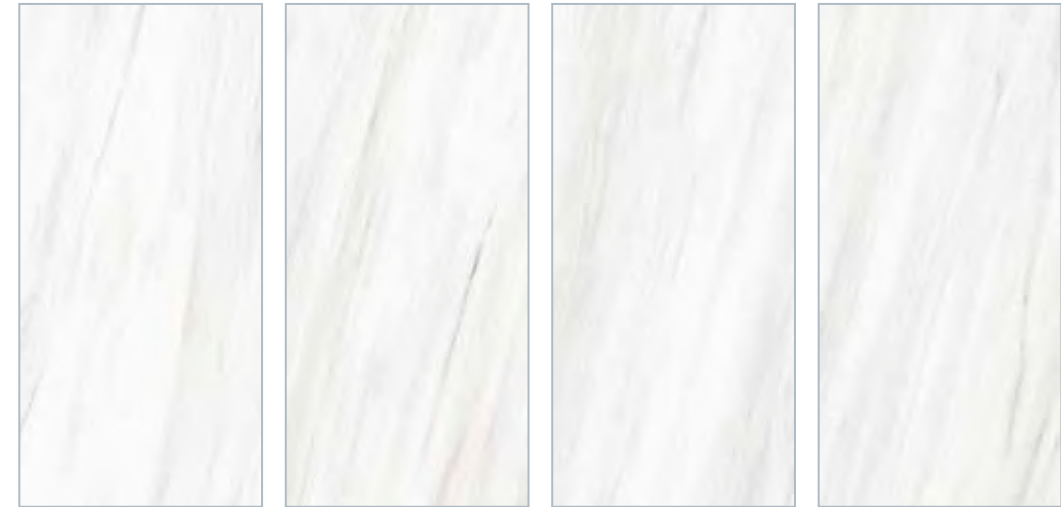


DOLOMITI BIANCO

MT-DO-185



Inspired by the Italian culture that has guided art for centuries, our product is ideal for living spaces that defy time.

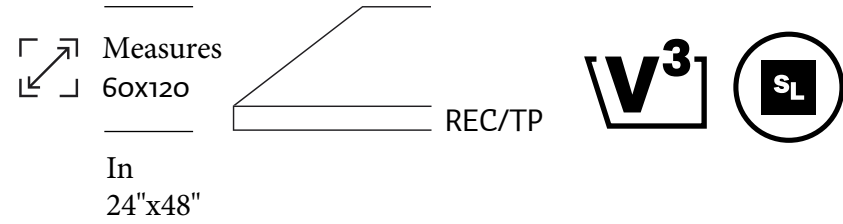


CORTILE



MT-CO-250

Our product, which has different touches with its plain, aesthetic, and layered form, reveals all the beautiful details with its naivety that meets Lake Como.



TECHNICAL REPORT

Instruction	PALLET	THICKNESS	NET WEIGHT	GROSS WEIGHT	PACKAGE	M ²
60 X 120	1	0.8	1.049.98	1.102.50	35	50.40
45X45	1	0.8	1.313.43	1.327.49	44	70.31
120X180	1	0.8	873.13	882.08	21	44.73
30X90	1	0.8	1.454.11	1.471.93	66	105.30

MEASURES	20' CONT.	TRUCK
	PALLET	PALLET
30X90	19	19
45X45	19	19
60 X 120	25	25
120X180	23	16

30X90 TECHNICAL REPORT

Test Title	Test Results	Standard Values
Length & Width (mm)	300 x 900 mm	299.8 – 300.2 mm 899.8 – 900.2 mm
Thickness (mm)	8.9	8.7 – 9.1
Straightness of Sides (%)	< %0.2	± %0.3
Deviation from Squareness (%)	< %0.2	± %0.5
Edge Curvature (%)	< %0.2	+ %0.5 / - %0.3± %
Corner Curvature (%)	< %0.2	0.5
Center Curvature (%)	< %0.2	+ %0.5 / - %0.3
Surface Quality	First Quality	> %95 Perfect
Water Absorption	14.00 % - 15.00 %	10 % < E < 20 %
Breaking Strength (N)	>800 N	> 600 N
Resistance (N/mm2)	> 20 N/	> 15 N/mm2
Abrasion Resistance (PEI)	mm2 NPD	As declared
Thermal Shock Resistance	Resistant	Required
Crazing Resistance	Resistant	Required
Frost Resistance	Resistant	Required
Moisture Expansion (mm/m)	< 0.3	As declared
Staining Resistance	Class 5	Min. Class 3
Acid & Alkali Resistance	LA	As declared
Household Chemicals	A	Min. B
Dissociation of Cd	< 0.07 mg/dm2	As declared
Dissociation of Pb	< 0.8 mg/dm2	As declared
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 standards, Annex L.	

45X45 TECHNICAL REPORT

Test Title	Test Results	Standard Values
Length & Width (mm)	447 x 447 mm	446.8 – 447.2 mm
Thickness (mm)	8.2	8.0 – 8.4 mm
Straightness of Sides (%)	< %0.2	± %0.3
Deviation from Squareness (%)	< %0.2	± %0.5
Edge Curvature (%)	< %0.2	+ %0.5 / - %0.3±
Corner Curvature (%)	< %0.2	%0.5
Center Curvature (%)	< %0.2	+ %0.5 / - %0.3
Surface Quality	First Quality	> %95 Perfect
Water Absorption	4.10 %	3,0 % < E ≤ 6.0 %
Breaking Strength (N)	1500 N	> 1000 N
Resistance (N/mm2)	30.0 N/mm2	> 22 N/mm2
Abrasion Resistance (PEI)	IV	As declared
Thermal Expansion	< 7.0 x 10 ⁻⁶	As declared
Thermal Shock Resistance	Resistant	Required
Crazing Resistance	Resistant	Required
Frost Resistance	Resistant	Required
Coefficient of Friction	~ 62.0	As reported
Moisture Expansion (mm/m)	< 0.3	As declared
Impact Resistance	Resistant	Required
Staining Resistance	Class 5	Min. Class 3
Acid & Alkali Resistance	LA	As declared
Household Chemicals	A	Min. B
Dissociation of Cd	< 0.07 mg/dm2	As declared
Dissociation of Pb	< 0.8 mg/dm2	As declared
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 standards, Annex J.	

60X120 LAPPATO TECHNICAL REPORT			
Test Title	Test Results	Requirements	Test Method
Length & Width (mm)	1195 ±1.0 mm	for 1195 mm side ± 2.0 mm	EN ISO 10545-2
	600 ±1.0 mm	for 600 mm side ± 2.0 mm	
	297 ± 1.0 mm	for 297 mm side ± 1.5 mm	
Thickness (mm)	8.8 mm (±0.3)	±%5.0	EN ISO 10545-2
Straightness of Sides (%)	< %0.2	± %0.5	EN ISO 10545-2
Rectangularity (%)	< %0.2	± %0.6	EN ISO 10545-2
Edge Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Corner Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Center Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Small Colour Differences	First Quality	> %95 Perfect	EN ISO 10545-16
Water Absorption	< 0.1 %	≤ 0.5 %	EN ISO 10545-3
Breaking Strength (N)	> 2400N	> 1300 N	EN ISO 10545-4
Bending Strength (N / mm²)	51 N/mm²	35 N/mm²	EN ISO 10545-4
Scratch Resistance (Mohs)	5	As Declared	EN 101
Glossiness (60°)	Min. 90 gloss	As Declared	DIN EN ISO 2813
Coeff. Of Thermal Expansion	< 9.0 x 10 ⁻⁶	As Declared	EN ISO 10545-8
Thermal Shock Resistance	Resistant	Required	EN ISO 10545-9
Crazing Resistance	Resistant	Required	EN ISO 10545-11
Frost Resistance	Resistant	Required	EN ISO 10545-12
Moisture Expansion (mm/m)	< 0.3	As declared	EN ISO 10545-10
Staining Resistance	Class 5	Min. Class 3	EN ISO 10545-14
Acid & Alkali Resistance	GLB	As declared	EN ISO 10545-13
Household Chemicals	GB	Min. GB	EN ISO 10545-13
Release of Cadmium	< 0.005 mg/dm²	As Declared	EN ISO 10545-15
Release of Lead	< 0.005 mg/dm²	As Declared	EN ISO 10545-15
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 (ISO 13006) standards, Annex G.		

60X120 SEMI LAPPATO TECHNICAL REPORT			
Test Title	Test Results	Requirements	Test Method
Length & Width (mm)	1195 ±1.0 mm	for 1195 mm side ± 2.0 mm for 600 mm side ± 2.0 mm	EN ISO 10545-2
	600 ± 1.0 mm	for 297 mm side ± 1.5 mm	
	297 ± 1.0 mm		
Thickness (mm)	8.8 mm (±0.3)	±%5.0	EN ISO 10545-2
Straightness of Sides (%)	< %0.2	± %0.5	EN ISO 10545-2
Rectangularity (%)	< %0.2	± %0.6	EN ISO 10545-2
Edge Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Corner Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Center Curvature (%)	< %0.2	± %0.5	EN ISO 10545-2
Small Colour Differences	> %95 perfect	> %95 perfect	EN ISO 10545-16
Water Absorption	< 0.1 %	£ 0.5%	EN ISO 10545-3
Breaking Strength (N)	> 2400N	> 1300N	EN ISO 10545-4
Bending Strength (N / mm²)	51 N/mm²	35 N/mm²	EN ISO 10545-4
Abrasion Resistance (PEI) (only for matt surfaces)	As Declared	As Declared	EN ISO 10545-7
Coeff. Of Thermal Expansion	< 9,0 x 10 ⁻⁶	As Declared	EN ISO 10545-8
Thermal Shock Resistance	Resistant	Required	EN ISO 10545-9
Crazing Resistance	Resistant	Required	EN ISO 10545-11
Frost Resistance	Resistant	Required	EN ISO 10545-12
Slippery Resistance	Matt: As Declared Semi Lap. ---	As Declared	DIN 51130:20045
Pendulum Test	Mat. As Declared Semi Lap. ---	As Declared	BS 7679: Parts1-3. 2002 (With Four S Rubber)
Moisture Expansion (mm/m)	< 0.3	As Declared	EN ISO 10545-10
Staining Resistance	Class 5	Min. Class 3	EN ISO 10545-14
Acid & Alkali Resistance	GLA	As Declared	EN ISO 10545-13
Household Chemicals	GA	Min. GB	EN ISO 10545-13
Release of Cadmium	< 0.005 mg/dm²	As Declared	EN ISO 10545-15
Release of Lead	< 0.005 mg/dm²	As Declared	EN ISO 10545-15
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 (ISO 13006) standards, Annex G.		





120X180 TECHNICAL REPORT		
Test Title	Test Results	Requirements
Length & Width (mm)	1195x1785 mm	1194.5 – 1195.5 mm 1784.5 – 1785.5 mm
Thickness (mm)	8.0	7.8 – 8.2
Straightness of Sides (%)	< %0.1	± %0.5
Rectangularity (%)	< %0.1	± %0.6
Edge Curvature (%)	< %0.2	± %0.5
Corner Curvature (%)	< %0.1	± %0.5
Center Curvature (%)	< %0.2	± %0.5
Small Colour Differences	First Choice	> %95 Perfect
Water Absorption	< 0.1 %	± 0.5 %
Breaking Strength (N)	2050 N	> 1300 N
Modulus of Rupture (N/mm ²)	44.0 N/mm ²	> 35 N/mm ²
Abrasion Resistance (PEI)	Min:II	As Declared
Coeff. Of Thermal Expansion	< 7.0 x 10 ⁻⁶	As Declared
Thermal Shock Resistance	Resistant	Required
Crazing Resistance	Resistant	Required
Frost Resistance	Resistant	Available
Coefficient of Friction (μ)	62.0	As Reported
Moisture Expansion (mm/m)	< 0.3	As Declared
Impact Resistance	Resistant	As Declared
Staining Resistance	Class 5	Min. Class 3
Acid & Alkali Resistance	LA	As Declared
Household Chemicals	A	Min. B
Release of Cadmium	< 0.07 mg/dm ²	As Declared
Release of Lead	< 0.8 mg/dm ²	As Declared
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex G.	

GRADES OF APPEARANCE DIFFERENCES

 SAME APPEARANCE	 SLIGHT DIFFERENCE
 SIGNIFICANT DIFFERENCE	 RANDOM DIFFERENCE

The technical features that express the appearance differences (in terms of texture, color, tone, and design) of the tiles in the same production lot with the CTDA value are evaluated in four different criteria.

WEAR RESISTANCE OF FLOOR TILES

 LOW-INTENSIVE TRAFFIC	 MEDIUM- INTENSIVE TRAFFIC
 INTENSIVE TRAFFIC	 VERY INTENSIVE TRAFFIC

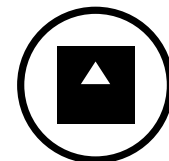
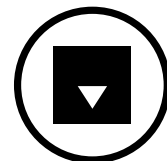


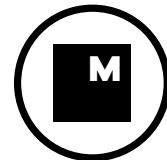
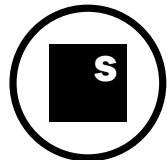
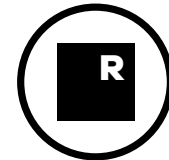




LOW-INTENSIVE TRAFFIC: These are the tiles used on floors that are closed to abrasive external factors and are walked around with soft shoes. It is not suitable for areas that will be exposed to medium-intensive traffic such as the living room, kitchen, entrance, and stairs.



MEDIUM-INTENSIVE TRAFFIC: These are the tiles used in places where the movement intensity is medium-intensive and protected from abrasive materials such as sand. It can be used in the whole house such as corridors, kitchens, balconies, terraces, and in offices where there is not much traffic in hotel rooms.

INTENSIVE TRAFFIC: These are the tiles used in areas where the movement intensity is high and in constant contact with the outside. It can be used in places such as shops, hotels, restaurants, bars, schools and offices.

VERY INTENSIVE TRAFFIC: It is suitable for use indoors and outdoors where the traffic is extremely intensive.

SYMBOLS

	WALL TILE		FLOOR TILE		PORCELAIN
	SHINY		OPAQUE		SATIN
	RECTIFIED		FULL LAPPATO		SEMI LAPPATO
	TECHNICAL PORCELAIN		SENSITIVE TO ACIDS		

	TSE - CERTIFICATE OF CONFORMITY TO DOUBLE STAR CERTIFICATE
	EN 14411 - CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS
	ISO 9001 - QUALITY MANAGEMENT SYSTEMS CERTIFICATE
	OHSAS 18001 - OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS CERTIFICATE
	ISO 14001 - ENVIRONMENTAL MANAGEMENT SYSTEMS CERTIFICATE
	ISO 27001 - INFORMATION SECURITY MANAGEMENT SYSTEMS CERTIFICATE
	CE - DECLARATION OF CONFORMITY
	AEO - AUTHORIZED LIABILITY STATUS CERTIFICATE

A'DESIGN AWARD



IDA DESIGN AWARDS



ELLE DECORATION INTERNATIONAL DESIGN AWARDS



RAF AWARD



REDDOT DESIGN AWARD



reddot design award
winner 2008



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