

HYGIENIC & TECHNICAL

Spessore/ Thickness
9 mm

Formati/ Sizes
60x60 – 24"x24" Rett.

Finiture / Finishing
Super Polished
Mat

HYGIENIC & TECHNICAL

THIS COLLECTION HAS USHERED IN A
NEW ERA OF DESIGN AND
ARCHITECTURE, BLENDING
AESTHETICS AND FUNCTIONALITY
SEAMLESSLY.





HIGH DURABILITY

WITH THIS UNIQUE QUALITY MAKES
IT A PREFERRED CHOICE FOR HIGH
TRAFFIC AREA LIKE SHOPPING
MALLS, PLAYGROUND, ETC.

ANTI BACTERIA

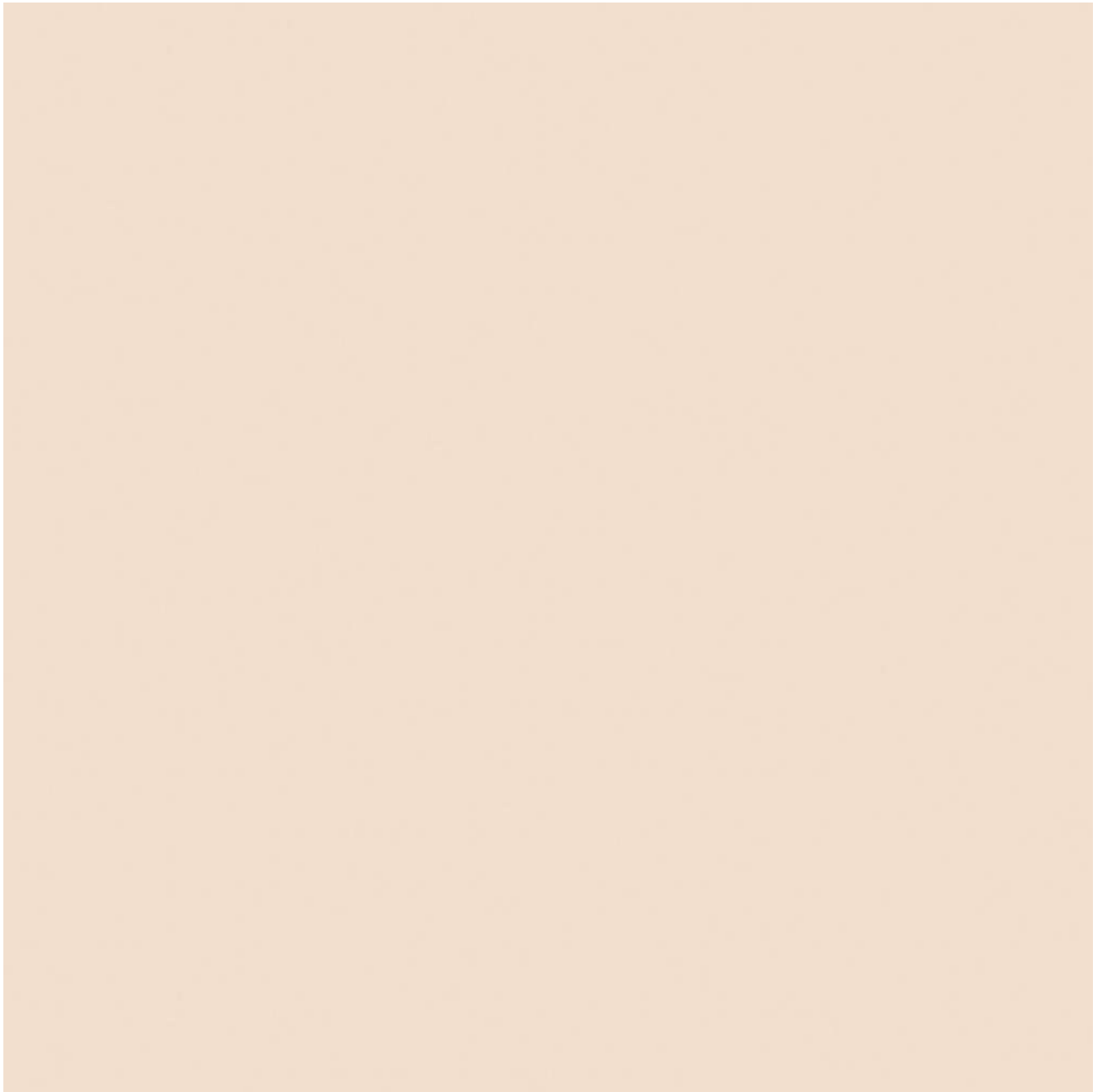
THESE TILES ARE RESISTANT TO STAINS, CHEMICALS, AND MOISTURE, MAKING THEM IDEAL FOR BATHROOMS, KITCHENS, AND OTHER AREAS PRONE TO SPILLS AND MOISTURE EXPOSURE.



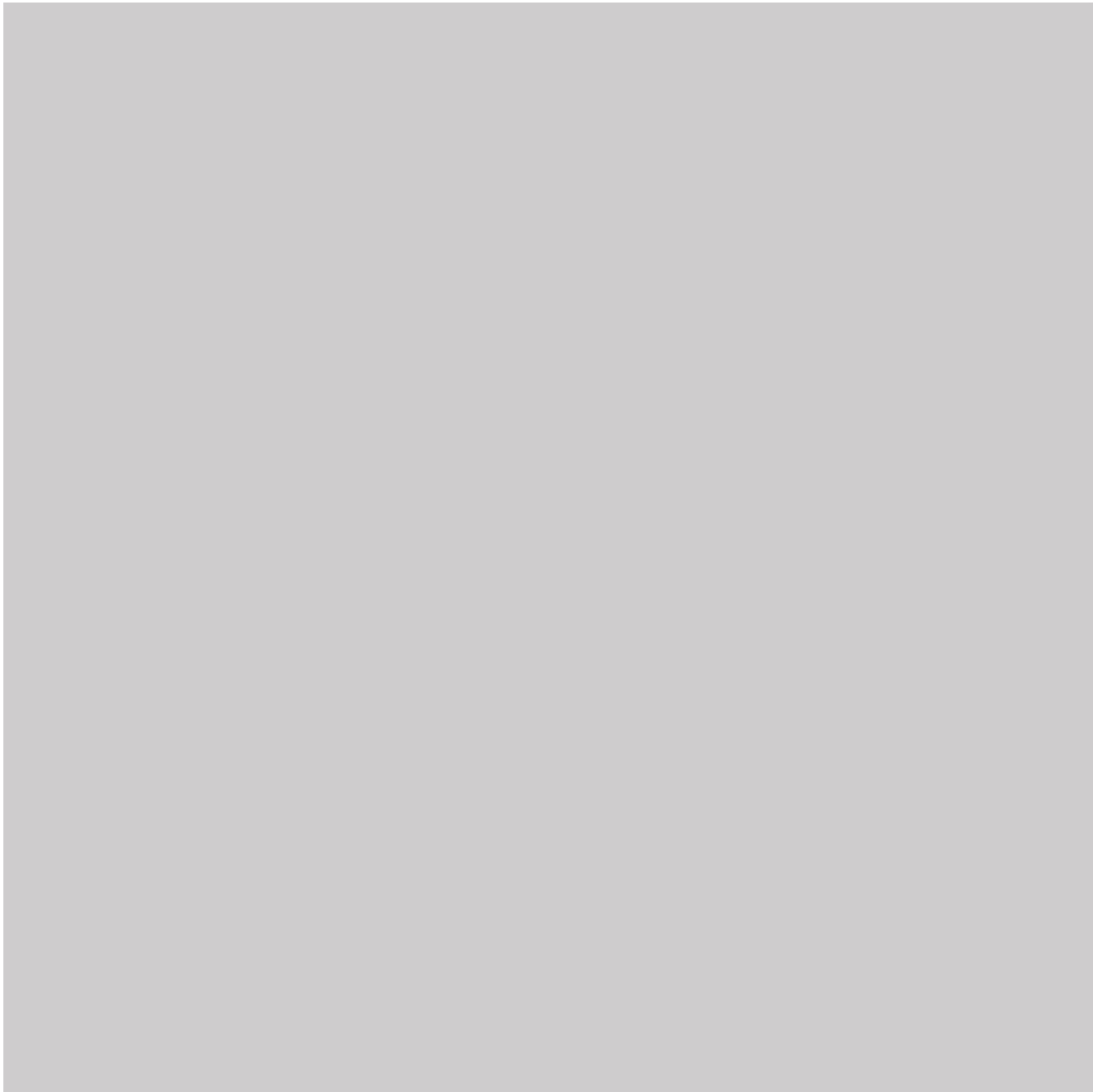


AESTHETICS

THE COLOR AND DESIGN OF THESE TILES ARE NOT JUST A SURFACE FINISH, BUT ARE THE SAME COLORS RUN THROUGHTOUT THE TILE. WITH BOTH MAT AND SUPER POLISEHD SURFACES, THIS COLLECTION ALLOWS DESIGNERS TO CREATE UNIQUE AND CAPTIVATING SPACES.



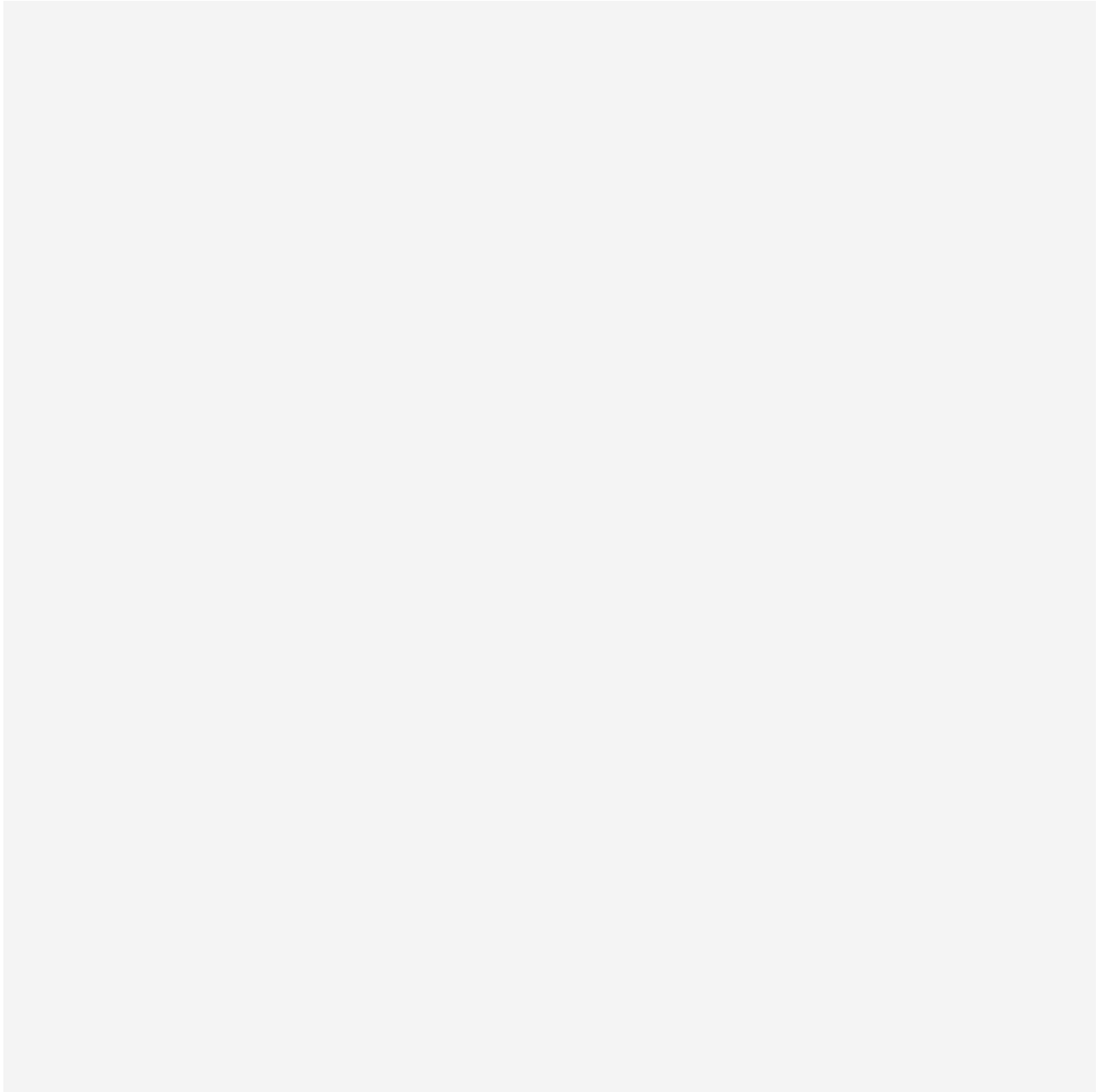
hygienic & technical - beige color in mat & super polished surfaces



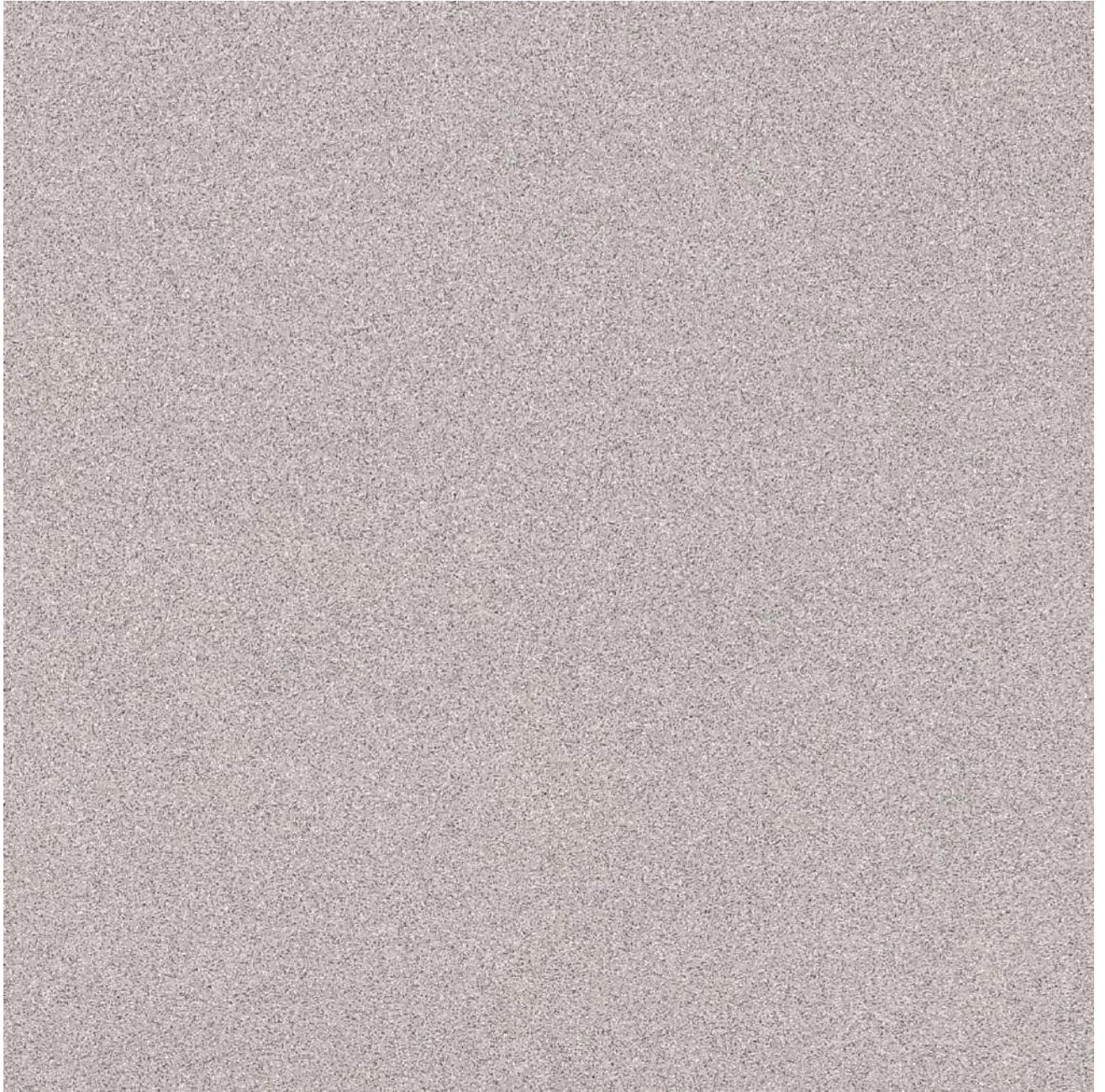
hygienic & technical - grey color in mat & super polished surfaces



hygienic & technical - black color in mat & super polished surfaces



pentelikon marble super white 60x60 in mat & super polished surfaces



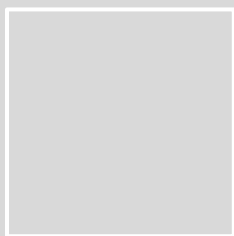
hygienic & technical - salt & pepper color mat surface

HYGIENIC & TECHNICAL

1 formati / sizes

1 spessore / thickness

9 mm



60x60 - 24"x24" rett.
Super Polished
Mat

Mat surface
Resistenza allo scivolamento / slip resistance **R9**

Grout color: White no. 1

Ice White no. 21

Vanilla no. 29

Dark Grey no. 4

Black no. 2

TABELLA IMBALI/ PACKAGING

	SPESSORE THICKNESS	BOX			PALLET		
		PCS/BOX	MQ/BOX	KG/BOX	BOX/PALLET	MQ/PALLET	KG/PALLET
60x60 MAT	9mm	4	1,44	28,5	44	63,36	1254
60x60 SALT & PEPPER	9mm	4	1,44	26,5	44	63,36	1166
60X60 S. POLISHED	9mm	4	1,44	26,5	44	63,36	1166

HYGIENIC & TECHNICAL

CARATTERISTICHE TECNICHE/ TECHNICAL FEATURES

INFORMAZIONI TECNICHE TECHNICAL FEATURES	NORME ISO ISO NORM	VALORE PRESCRITTO DALLE NORME INTERNATIONAL STD ISO 13006/EN 176 GROUP Bla	VALORI CANDIA VALUES CANDIA
REGULATORY PROPERTIES			
Deviation In Length	ISO-10545-2	±0.5%	±0.20%
Deviation in Thickness	ISO-10545-2	±5%	±4%
Straightness of Sides	ISO-10545-2	±0.5%	±0.10%
Rectangularity	ISO-10545-2	±0.5%	±0.20%
Surface Flatness	ISO-10545-2	±0.5%	±0.20%
Colour difference	ISO-10545-16	Unaltered	No change
STRUCTURAL PROPERTIES			
Water Absorption	ISO-10545-3	<0.50%	<0.50%
Apparant density	DIN-51082	>2.00 g/cc	>2.28 g/cc
MASSIVE MECHANICAL PRIOPERTIES			
Modulus or rupture	ISO-10545-4	Min 35 N/mm2	Min 45 N/mm2
Breaking Strength	ISO-10545-4	>1300 N	>2000N
Impact Resistance	ISO-10545-5	As per Mfg.	Min 0.55
SURFACE MECHANICAL PROPERTIES			
Mohs Hardness	EN-101	Min.6	7
Deep abrasion resistance	ISO-10545-6	Max.175 mm3	Max. 132 mm3
Surface abrasion resistance	ISO-10545-7	As per Mfg.	N. A.
THERMOHYDROMATIC PROPERTIES			
Frost Resistance	ISO-10545-12	Frost Proof	Frost Proof
Thermal Shock Resistance	ISO-10545-9	No Damage	No Damage
Moisture Expansion	ISO-10545-10	NIL	NIL
Thermal expansion (COE)	ISO-10545-8	Max. 9.0x10	Max. 6.5x10
Crazing Resistance	ISO-10545-11	As Per Mfg.	N.A.
CHEMICAL PROPERTIES			
Chemical Resistance	ISO-10545-13	No Damage	No Damage
Stain Resistance	ISO-10545-14	Resistant	Resistant
SAFETY PROPERTIES			
Slip resistance	ISO-10545-17	>0.40	>0.40

PENTELIKON MARBLE SUPER WHITE

IN GLAZED PORCELAIN

CARATTERISTICHE TECNICHE/ TECHNICAL FEATURES

INFORMAZIONI TECNICHE TECHNICAL FEATURES	NORME ISO ISO NORM	VALORE PRESCRITTO DALLE NORME INTERNATIONAL STD ISO 13006/EN 176 GROUP Bla	VALORI CANDIA VALUES CANDIA
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DIMENSION & SURFACE QUALITY

Deviation In Length	ISO-10545-2	±0.6%	±0.2%
Deviation in Thickness	ISO-10545-2	±5%	±3%
Straightness of Sides	ISO-10545-2	±0.5%	±0.2%
Rectangularity	ISO-10545-2	±0.6%	±0.2%
Surface Flatness	ISO-10545-2	±0.5%	±0.2%

PHYSICAL & THERMAL PROPERTIES

Water Absorption	ISO-10545-3	<0.50%	<0.40%
Mohs Hardness	EN-101	Min.5	Min.5
Flexural Strength	ISO-10545-4	>35 N/mm2	>40N/mm2
Slip Resistance (Friction Coefficient)	ISO-10545-17	>0.4	4
Breaking Strength	ISO-10545-11	>1113 N	>1800N
Frost Resistance	ISO-10545-12	Frost Proof	Frost Proof
Thermal Shock Resistance	ISO-10545-9	No Damage	No Damage
Moisture Expansion	ISO-10545-10	NIL	NIL
Resistance to Surface Abrasion	ISO-10545-7	Abrasion class shall be specified by the manufacturer	PEI IV & V

CHEMICAL PROPERTIES

Chemical Resistance	ISO-10545-13	No Damage	No Damage
Color Resistance	ISO-10545-16	No Damage	No Damage
Stain Resistance	ISO-10545-14	Resistant	Resistant

  ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΕΡΕΥΝΑΣ ΦΥΣΙΚΩΝ ΕΠΙΣΤΗΜΩΝ «ΔΗΜΟΚΡΙΤΟΣ» Τ.Θ. 40521 / 15122 ΝΕΑ ΠΑΡΑΣΚΕΥΗ (ΤΗΛ: 210-6503006-5006 FAX: 210-6503005) www.demokritos.gr ΕΚΕΦΕ "ΔΗΜΟΚΡΙΤΟΣ" ΙΝΣΤ. ΠΥΡΗΝΙΚΩΝ & ΡΑΔΙΟΛΟΓΙΚΩΝ ΕΠΙΣΤΗΜΩΝ & ΤΕΧΝΟΛΟΓΙΑΣ, ΕΝΕΡΓΕΙΑΣ & ΑΣΦΑΛΕΙΑΣ (Ι.Π.Ρ.Ε.Τ.Ε.Α.) ΕΡΓΑΣΤΗΡΙΟ ΡΑΔΙΕΝΕΡΓΕΙΑΣ ΠΕΡΙΒΑΛΛΟΝΤΟΣ Τ.Θ.: 60037 - Τ.Κ.: 15310 - ΑΓΙΑ ΠΑΡΑΣΚΕΥΗ ΑΤΤΙΚΗΣ Τηλέφωνο: 210-6503005 FAX: 210-6503005 ΠΛΗΡΟΦΟΡΙΕΣ: Κ.ΕΛΕΥΘΕΡΙΑΔΗΣ / Β.ΒΑΣΙΛΑΤΟΥ www: http://www.ipreteea.demokritos.gr http://www.ipeta.demokritos.gr/eri/eri.html email: elefther@ipta.demokritos.gr, contact-eri@ipta.demokritos.gr	 ΔΟΚΙΜΕΣ Αρ.Πιστοποιητικού 442	Αγία Παρασκευή 24 Φεβ 2023 Α.Π. 260/0/ 2305
	ΠΡΟΣ: ΑΒΜ ΤΕΧΝΟΛΟΓΙΚΗ ΑΕ ΕΞΟΔΟΣ 4 ΑΣΠΡΟΠΥΡΓΟΣ Τ.Κ.:19300 ΤΗΛ: 2105596230 ΚΟΙΝ:	
Σχετικό σας: Σχετικό μας: 140/2023-457/10-02-2023		

ΠΙΣΤΟΠΟΙΗΤΙΚΟ ΜΕΤΡΗΣΗΣ ΡΑΔΙΕΝΕΡΓΕΙΑΣ ΔΕΙΓΜΑΤΩΝ

Ημερομηνία Δειγματοληψίας:	10 Φεβ 2023	Ημερομηνία Μέτρησης:	13/02/2023 και 21/02/2023
Προέλευση:	ΕΛΛΑΔΑ		
Προορισμός:			

ΠΕΡΙΓΡΑΦΗ ΔΕΙΓΜΑΤΩΝ

A.A ΕΚΕΦΕ "Δ"	Είδος Δείγματος κατά δήλωση της "ΑΒΜ ΤΕΧΝΟΛΟΓΙΚΗΣ Α.Ε."
233005	Πλάκα Candia
	Δείκτης συγκέντρωσης ενεργότητας: $I = C(Ra226)/300 + C(Th232)/200 + C(K40)/3000 < 0,89 \text{ Bq/kg}$
	$C(U238) = 31 \pm 19 \text{ Bq/kg}$, $C(Ra226) = 59,8 \pm 1,5 \text{ Bq/kg}$, $C(Th232) = 83,4 \pm 2,0 \text{ Bq/kg}$
	$C(K40) = 521 \pm 14 \text{ Bq/kg}$
	$Cs137 < 0,1 \text{ Bq/kg}$
	Κάτοχος δείγματος: ΑΒΜ ΤΕΧΝΟΛΟΓΙΚΗ Α.Ε.
Το δείγμα κρίνεται κατάλληλο για κατανάλωση από πλευράς ραδιενέργειας	
ΠΑΡΑΤΗΡΗΣΕΙΣ: Το δείγμα κρίνεται κατάλληλο για εμπορική, βιομηχανική και κατασκευαστική χρήση σύμφωνα με το Προεδρικό Διάταγμα υπ' αριθμόν 101 (Φ.Ε.Κ. Α' 194/20-11-2018) περί προσαρμογής της ελληνικής νομοθεσίας στην Οδηγία 2013/59/Ευρατομ του Συμβουλίου, της 5ης Δεκεμβρίου 2013 (ΕΕ L13/17.1.2014), για τον καθορισμό βασικών πρατύπων ασφαλείας για την προστασία από τους κινδύνους που προκύπτουν από τις ιοντίζουσες ακτινοβολίες - Θεώρηση Κανονισμών Ακτινοπροστασίας. Δεν ανιχνεύθηκαν τεχνητά ισότοπα στο δείγμα.	

	Ο Αρμόδιος Δρ Κ.ΕΛΕΥΘΕΡΙΑΔΗΣ
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Certificate of Compliance

This is to certify that

ABM TECH S.A.

ATTIKI AVENUE EXIT NO 4, ASPROPYRGOS ATHENS

has been independently assessed by IAB accreditation and is in compliance with the requirement of the standard

ISO 17721-1:2021

Quantitative determination of antibacterial activity of ceramic tile surfaces — Test methods — Part 1: Ceramic tile surfaces with incorporated antibacterial agents

For the following scope of activities

CANDIA FASCINO ITALIANO, PORCELAIN TILES, CERAMIC TILES, MATT AND POLISHED

Certificate Number: US-AMTC-25-08256130

To verify this certificate please visit at www.uscertifications.uk

Date of Certification
Issuance Date
1st Surveillance Due
2nd Surveillance Due
Re-Certificate Due

08TH MAY 2025
08TH MAY 2025
07TH MAY 2026
07TH MAY 2027
07TH MAY 2028



Authorized Signatory



CAB Address : Merry Terrace Woking, London FU21 3EH UK Validity of this certificate is subject to annual surveillance audits to be done successfully This certificate is the property of U.S. Certification and shall be returned immediately on request U.S. Certification is an independent Systems Products and Personal assessment Body, U.S. Certification is a accredited by IABCERT.US

Candia[®]

Fascino Italiano

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&
High Tech RND

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