



60x60



سیرامیکا کلیوباترا جروب
CERAMICA CLEOPATRA GROUP

RECTIFIED PORCELAIN

index



www.cleopatraceramics.com

Rectified Porcelain 60x60 cm

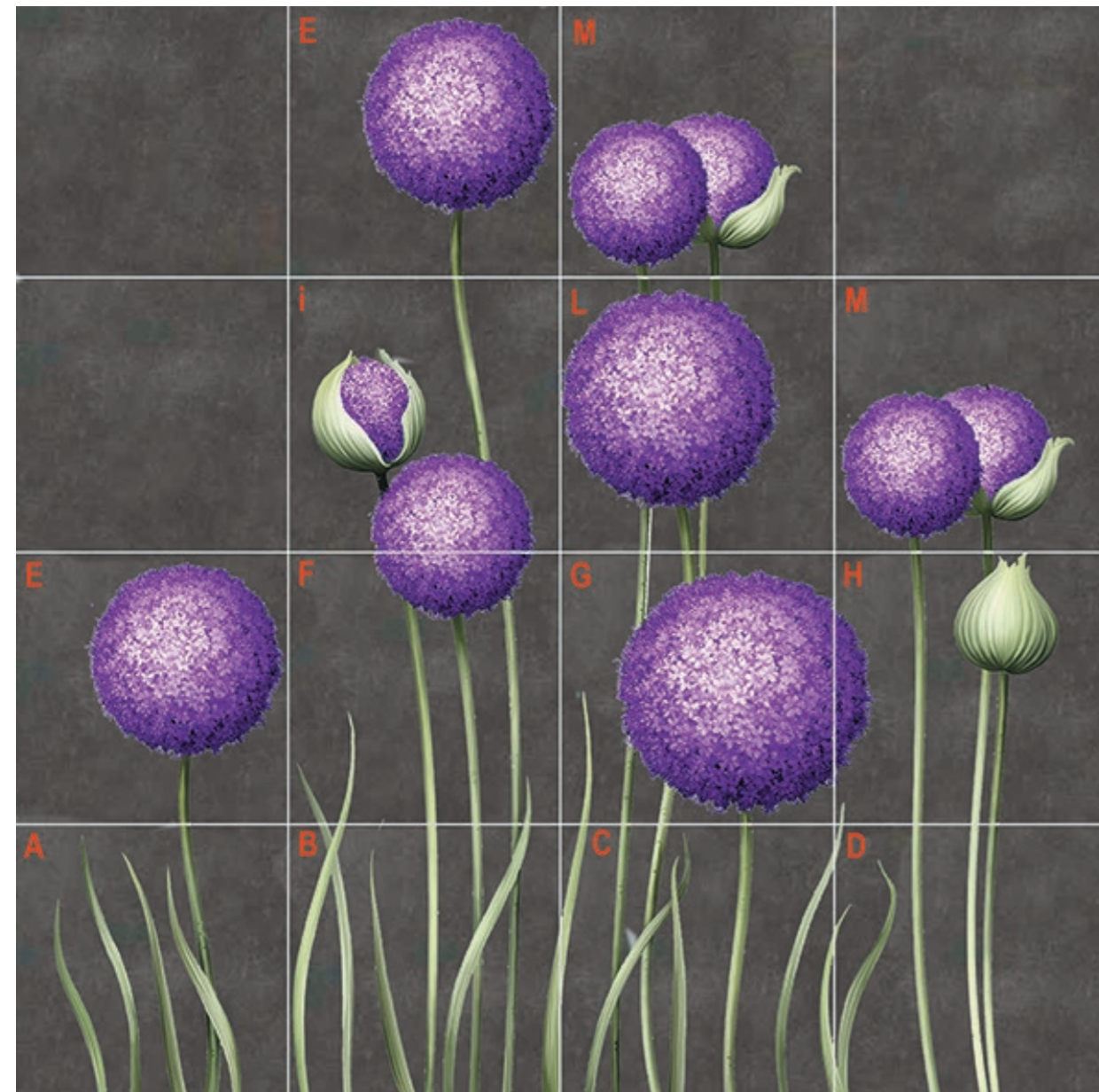
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RECTIFIED PORCELAIN

60x60 ALLIUM



60x60 ETRUSCA Black



RECTIFIED PORCELAIN

60x60 GIGLIO



60x60 ETRUSCA Black







TECHNICAL FEATURES

CERAMIC PORCELAIN TILES FINAL PRODUCTS SPECIFICATIONS CERTIFICATE

In reference to C.C.'S implementation the International Standard; control system to assure the quality of our products, the tests and inspections performed on the ceramic (granite - porcelain) in accordance to practical execution methods conforms to european standards; (EN14411 GROUP Bla) complies with ISO standard 13006 GROUP (Bla), **Annex G** and the results are:

S. No.	Test item	Cleopatra central lab.	Required by standard EN 14411 Bla	Required by ISO standard 13006 Bla	Test standard No.
1	Dimensions:				
	1-1 Length and width	± 0.2 %	± 0.6 %	± 0.6 %	ISO 10545-2
	1-2 Thickness	± 4 %	± 5 %	± 5 %	ISO 10545-2
	1-3 Straightness of sides	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2
	1-4 Rectangularity	± 0.15 %	± 0.6 %	± 0.6 %	ISO 10545-2
	1-5 Surface flatness				
	a) Center curvature	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2
b) Edge curvature	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2	
c) Warpage	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2	
2	Water absorption %	Max 0.04 %	0 ≤ E ≤ 0.5%	0 ≤ E ≤ 0.5%	ISO 10545-3
3	Modulus of rupture N/mm ²	≥ 45	35 Min / Individual 32	35 Min / Individual 32	ISO 10545-4
4	Scratch hardness (MOH's scale)	* 6.5 ▶ 9 ■ 8	5 6 6	-	EN 101
5	Deep abrasion	Max * 125 ▶	Max 175 mm ³	Max 175 mm ³	10545-6
6	Surface abrasion	■ class 4	As Class	As Class	ISO 10545-7
7	Thermal shock resistance	Pass	Available	Available	ISO 10545-9
8	Crazing resistance	■ Pass	Required	Required	ISO 10545-11
9	Resistance to chemicals	class A	Min class B	Min class B	ISO 10545-13
10	Resistance to staining	■ class 5 * ▶ class 4	■ Min class 3 * ▶ Available	■ Min class 3 * ▶ Available	ISO 10545-14
11	Thermal expansion coefficient	Pass	Available	Available	ISO 10545-8
12	Moisture Expansion	Pass	Available	Available	ISO 10545-10
13	Frost Resistance	Pass	Required	Required	ISO 10545-12
14	Lead Cadmium Release	■ Pass	Available	Available	ISO 10545-15
15	Small Color Differences	Pass	Available	Available	ISO 10545-16
16	Coefficient of friction	▶ Min 0.5 * Min 0.4	State value	State value	ISO 10545-17
17	Surface quality (Min tiles shall be free from visible defects)	97%	95%	95%	ISO 10545-2

■ Glazed tiles ▶ Unpolished Tiles * Polished Tiles

THE QUALITY

Ceramica Cleopatra Group obtains ISO 9001 certification for its Quality System.





CERAMICA CLEOPATRA GROUP

Head office

36, Al Batal Ahmed Abd el Aziz St.
Mohandeseen, Giza - Egypt

T + 20 23 761 3000 / 4000
F + 20 23 761 2867 / 3358111

www.cleopatraceramics.com
export@groupecleopatra.com

CERAMICA CLEOPATRA

10th of Ramadan City
Industrial Zone A1 - Egypt
T + 20 15 410 674 / 5
F + 20 15 410 673

CERAMICA ELDORADO

Eldorado Industrial Zone
Ein Sukhna
North West Gulf of Suez - Egypt
T + 20 62 371 0364 / 6
F + 20 62 371 0362

CERAMICA FANCY

Eldorado Industrial Zone
Ein Sukhna
North West Gulf of Suez - Egypt
T + 20 62 371 0364 / 6
F + 20 62 371 0362

GALLERIA CLEOPATRA

Ein Sukhna
North West Gulf of Suez - Egypt
T + 20 62 371 0364 / 6
F + 20 62 371 0362