

60X60CM 12MM
45X45CM 12MM

MAY
C E R A M I C A

MADE IN SAUDI
2025- 26



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O65 F SAUDI
60X60CM 12MM- POLISH

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080 F SAUDI
60X60CM 12MM- MATT

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082 F SAUDI
45X45CM 12MM- MATT

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058 F SAUDI
45X45CM 12MM- MATT

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028 F SAUDI
45X45CM 12MM- MATT

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081 F SAUDI
45X45CM 12MM- MATT

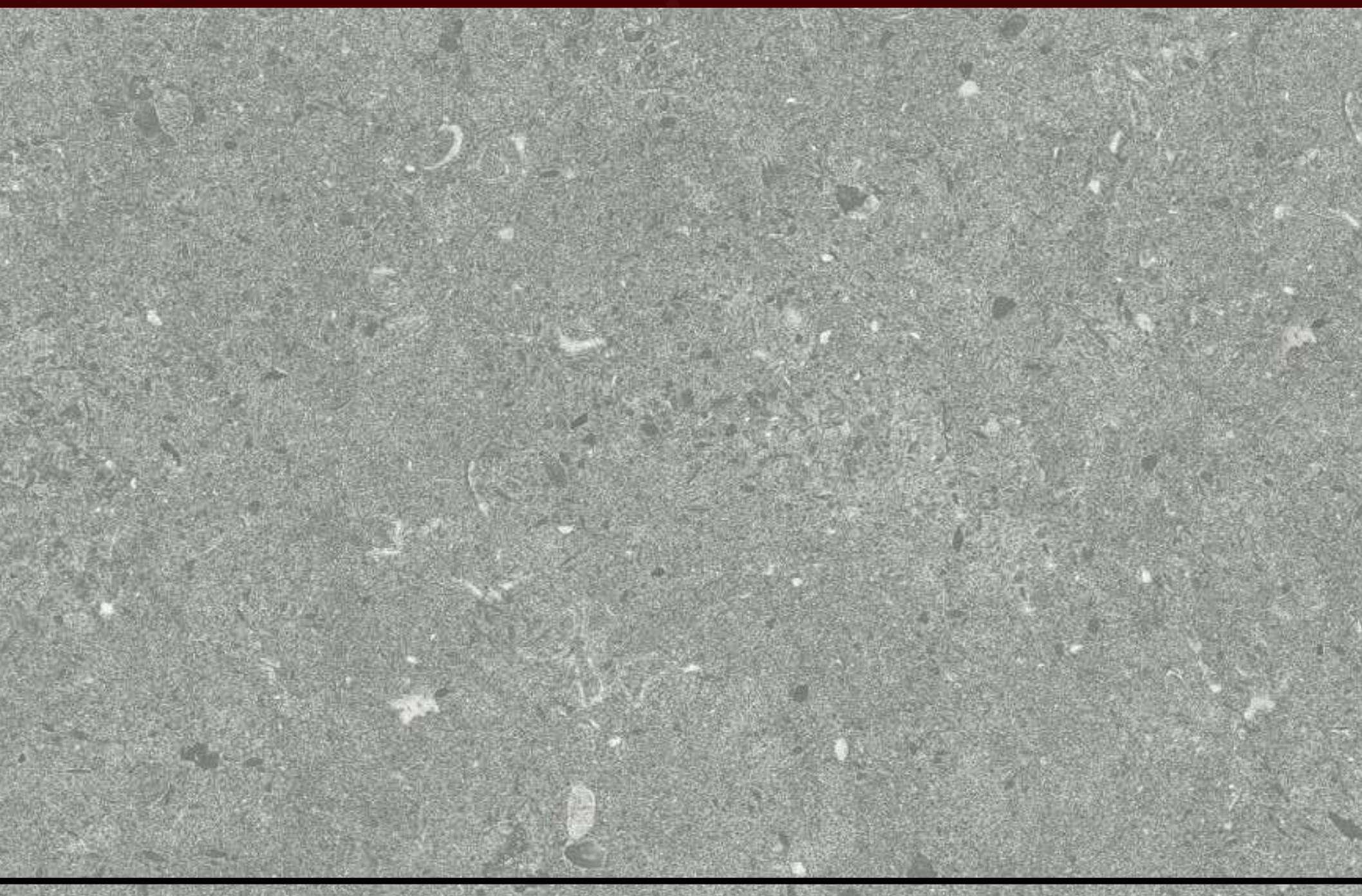
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050 F SAUDI
45X45CM 12MM- MATT

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C E R A M I C A





038 F SAUDI
45X45CM 12MM- MATT

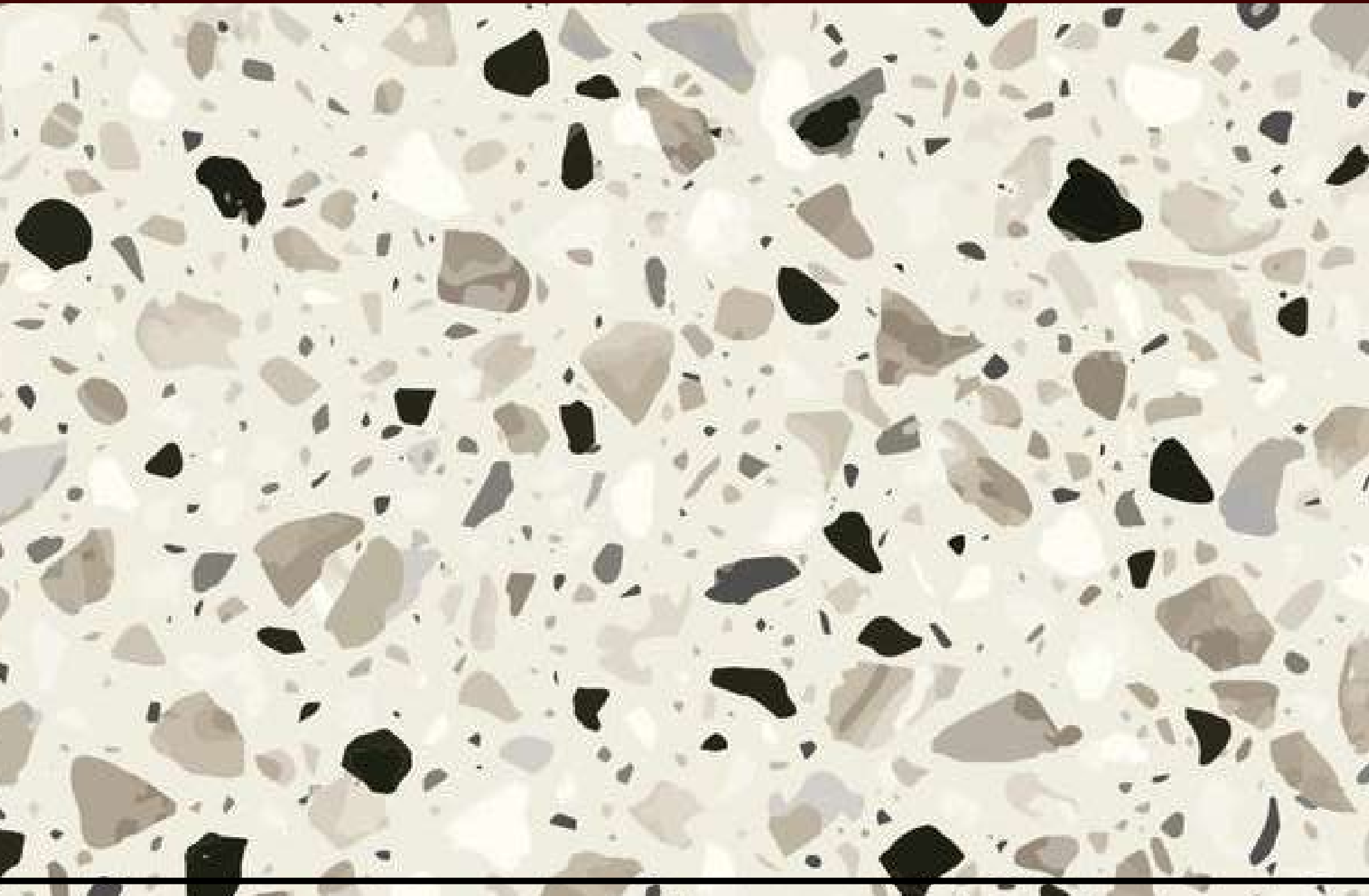
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043 F SAUDI
45X45CM 12MM- MATT

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIA	MAYYAS VALUE	TEST METHOD
REGULATORY PROPERTIES			
Deviation in Length & Width	±0.2 %	±0.6 %	ISO- 10545-2
Deviation in Thickness	±4.0 %	±5.0 %	ISO- 10545-2
Straightness in side	±0.2 %	±0.6 %	ISO- 10545-2
Rectangularity	±0.15 %	±0.6 %	ISO- 10545-2
Surface flatness	±0.2 %	±0.6 %	ISO- 10545-2
Color difference	Unaltered	No change	ISO- 10545-16
Glossiness	As per mfg.	Min 90 %	GLOSSOMETER
STRUCTURAL PROPERTIES			
Water absorption	< 3.5%	< 3 %	ISO- 10545-3
MASSIVE MECHANICAL PROPERTIES			
Modulus of rupture	Min. 33 N/mm2	Min. 22 N/mm2	ISO- 10545-4
Breaking strength	Min. 1800 N	Min. 1800 N	ISO- 10545-4
Impact resistance	As per mfg.	Min. 0.55	ISO- 10545-5
SURFACE MECHANICAL PROPERTIES			
Surface abrasion resistance	1500 Rev	As Class	ISO- 10545-7
MOH's hardness	Min 6 – 9	As Class	EN 101
THERMO HYGROMETRIC PROPERTIES			
Frost resistance	Pass	Required	ISO- 10545-12
Thermal shock resistance	Pass	Available	ISO- 10545-9
Moisture expansion	Pass	Available	ISO- 10545-10
Thermal expansion(COE)	Pass	Available	ISO- 10545-8
Crazing resistance	Pass	Required	ISO- 10545-11
CHEMICAL PROPERTIES			
Chemical resistance	Class A	Available	ISO- 10545-13
Stain resistance	Class 5	Min class 3	ISO- 10545-14
SAFETY PROPERTIES			
Slip resistance	As per mfg.	> 0.30	ISO- 10545-17
Fire resistance	As per mfg.	N.A	N. A
Lead & Cadmium given off by glazed tiles	As per mfg.	Does not yield Pb & Cd	ISO- 10545-15
SIZE			COVERAGE AREA / BOX
60x60cm	12mm	4 Pcs	1.44 Sq. M
45x45cm	12mm	10 Pcs	2.025 Sq. M



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