

TECHNICAL SPECIFICATIONS	
QUALITY LABORATORY	
MODEL	CALACATTA-M WHITE 30.7x61.5cm/12x24" - 61.5x61.5cm/ 24x24

BODY TYPE	PORCELAIN Group Bla
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Body Technical Specifications		TEST METHOD	Standard Value	Pass/Fail
	Length and Width	ISO 10545-2 ASTM C499	+/- 0.6 %	PASS
	Thickness	ISO 10545-2 ASTM C499	+/- 5 %	PASS
	Straightness of sides	ISO 10545-2 ASTM C485	+/- 0.5 %	PASS
	Surface Planarity	ISO 10545-2 ASTM C485	+/- 0.5 %	PASS
	Squareness/Rectangularity	ISO 10545-2 ASTM C502	+/- 0.6 %	
	Water Absorption	ISO 10545-3 ASTM C373	EB ≤ 0.5 %	PASS
	Bending Strength	ISO 10545-4 ASTM C648	S ≥ 1300 N > 500lbf	PASS
	Modulus of Rupture	ISO 10545-3 ASTM C482	R ≥ 35 N/mm <sup>2</sup> > 200psi	PASS
	Frost Resistance	ISO 10545-12 ASTM C1026	RESIST	PASS
	Linear Thermal Expansion Coefficient	ISO 10545-8 ASTM C372	9*10 <sup>-6</sup> K <sup>-1</sup> max.	PASS

Technical Specifications of Surface		TEST METHOD	Standard Value	Pass/Fail
	Slipperiness	UNE-ENV-12633	CLASS 1	PASS
		SCOF ASTMC1028-96	0.72W/1.025D	PASS
		DCOF ANSI A137.1:2012	0.45W	PASS
	Surface Abrasion Resistance (PEI)	ISO 10545-7	IV	PASS
	Surface Hadrness (MOHS Scale)	UNE 67-101	5	PASS
	Acids and Alkalis Resistance	ISO 10545-13 ASTM C650	GLA/GLA	PASS
	Crazing resistance	ISO 10545-11	RESIST	PASS
	Staining Resistance	ISO 10545-14 ASTM CTI 81-7	5	PASS
	Surface Quality	ISO 10545-2	>95 % OK	PASS

GOODS ARE IN CONFORMITY WITH ISO 13006 STANDARDS

TECHNICAL SPECIFICATIONS	
QUALITY LABORATORY	
MODEL	CALACATTA-M WHITE 61.5x61.5cm / 24x24"

BODY TYPE	PORCELAIN Group Bla
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Body Technical Specifications		TEST METHOD	Standard Value	Pass/Fail
	Length and Width	ISO 10545-2 ASTM C499	+/- 0.6 %	PASS
	Thickness	ISO 10545-2 ASTM C499	+/- 5 %	PASS
	Straightness of sides	ISO 10545-2 ASTM C485	+/- 0.5 %	PASS
	Surface Planarity	ISO 10545-2 ASTM C485	+/- 0.5 %	PASS
	Squareness/Rectangularity	ISO 10545-2 ASTM C502	+/- 0.6 %	
	Water Absorption	ISO 10545-3 ASTM C373	EB ≤ 0.5 %	PASS
	Bending Strength	ISO 10545-4 ASTM C648	S ≥ 1300 N > 500lbf	PASS
	Modulus of Rupture	ISO 10545-3 ASTM C482	R ≥ 35 N/mm <sup>2</sup> > 200psi	PASS
	Frost Resistance	ISO 10545-12 ASTM C1026	RESIST	PASS
	Linear Thermal Expansion Coefficient	ISO 10545-8 ASTM C372	9*10 <sup>-6</sup> K <sup>-1</sup> max.	PASS

Technical Specifications of Surface		TEST METHOD	Standard Value	Pass/Fail
	Slipperiness	UNE-ENV-12633	CLASS 1	PASS
		SCOF ASTMC1028-96	0.72W/1.025D	PASS
		DCOF ANSI A137.1:2012	>0.42W	PASS
	Surface Abrasion Resistance (PEI)	ISO 10545-7	IV	PASS
	Surface Hardness (MOHS Scale)	UNE 67-101	5	PASS
	Acids and Alkalis Resistance	ISO 10545-13 ASTM C650	GLA/GLA	PASS
	Crazing resistance	ISO 10545-11	RESIST	PASS
	Staining Resistance	ISO 10545-14 ASTM CTI 81-7	5	PASS
	Surface Quality	ISO 10545-2	>95 % OK	PASS

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