



Valsecchia
C E R A M I C A

**Valsecchia Ceramic Workshop
Quality Check**

BRAND NAME :	VALSECCHIA	SERIES :	MAIOLICHE 15x15
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Test method	Specifications	Requirements	Results	Note
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ISO 10545-14	Resistance to Stains	Crimo green	GL min 3 UGL No requirement	5	-
		Iodine Solution		5	-
		Olive oil		5	-
ISO 10545-13	Chemical Resistance	NH ₄ Cl 100 g/l	N.C : C Min : B Max : A	A	Ammonium Chloride
		NACIO 20 mg/l		A	Sodium Hypochlorite
		C ₆ H ₈ O ₇ 100g/l		A	Citric Acid
		HCl 3 %		A	3% Hydrochloric Acid
		KOH 30 g/l		A	Idr. of Potassium 30
		HCl 18 %		A	Hydrochloric Acid 18%
		KOH 100 g/l		A	Idr. of Potassium 100
C ₃ H ₆ O ₃ 5% v/v	A	Lactic Acid			
ISO 10545-3:2018	Water Absorption (%) Method VACUUM	≤ 0,5 %	Complies	-	
ISO 10545-3:2000	Water Absorption (%) Method BOIL	≤ 0,5 %	-	-	
ISO 10545-4	Flexural Strength (N/mm ²)	R ≥ 35	Complies	-	
	Breaking Effort (N)	S ≥ 1300	Complies	-	
ISO 10545-7	Surface Abrasion (PEI)	Value to be declared	II	-	
ISO 10545-11	Cavillo resistance	According to EN ISO 10545-1	Resists	-	
ISO 10545-12	Frost resistance	According to EN ISO 10545-1	Resists	-	
ISO 10545-9	Resistance to Thermal Shock	According to EN ISO 10545-1	Resists	-	
ANSI A137.1	Coefficient of Dynamic Friction (DCOF)	≥ 0,42	-	-	
DIN 51130	Sliding Angle (R)	≤ 6,0° = N.C ≤ 10,0° = R9 ≤ 19,0° = R10 ≤ 27,0° = R11 ≤ 35,0° = R12 > 35,0° = R13	N.C	-	
DIN 51097	Sliding Angle (A+B+C)	>12,0=A >18,0=B >24,0=C	A	-	
B.C.R.A D.M. 236	Dynamic Friction Coefficient	Satisfactory 0,40 < μ < 0,74 Excellent >0,75	Dry: ≥ 0,40 Wet: ≥ 0,40	-	

Revision of: 17 March 2020

- Laboratory Technician : **Ferrari Cristina**