

E-CERAMIC

TECHNICAL SPECIFICATIONS

PRODUCT: PORCELAIN TILE FULL BODY - ST69Q2

PRODUCTION NORM: ISO 13006

TYPE: Bla

NOMINAL SIZE: 60X60 CM

WORK SIZE: 600X600 MM

WORK SIZE THICKNESS: 9 MM

TECHNICAL FEATURES		SPECIFICATIONS	UNIT	AVARAGE	STANDART
1. Dimensions and Surface Quality					
1.1 Length		± 0.6% MAX	mm	599,64 ~ 600,36	ISO-10545-2
1.2 Whidth		± 0.6% MAX	mm	599,64 ~ 600,36	
1.3 Thickness		± 5% MAX.	mm	8,55 ~ 9,45	
1.4 Straightness of sides		± 0.5% MAX	mm	- 0,30 ~ + 0,30	
1.5 Regularity		± 0.5% MAX	mm	- 0,30 ~ + 0,30	
1.6 Surface flatness	1.6.1 Centre curvature	± 0.5% MAX	mm	- 0,30 ~ + 0,30	
	1.6.2 Edge curvature	± 0.5% MAX	mm	- 0,30 ~ + 0,30	
	1.6.3 Warpage (vs diagonal)	± 0.6% MAX	mm	- 0,40 ~ + 0,40	
1.7 Surface quality		95	%	95	
2. Physical Properties					
2.1 Water absorption		≤ 0,5	%	0,1	ISO-10545-3
2.2 Modulus of Rupture		≥ 35 N / mm ²	N/mm ²	38 N / mm ²	ISO-10545-4
2.3 Resistance to Surface Abrasion		≤ 175 mm ³	mm ³	140 mm ³	ISO-10545-6
2.4 Thermal shock resistance		RESISTANT (YES/NO)	-	RESISTANT	ISO-10545-9
2.5 Frost resistance		RESISTANT (YES/NO)	-	RESISTANT	ISO-10545-12
2.6 Static coefficient of friction (SCOF)	2.6.1 Dry	μ>0.4	-	μ>0.6	ASTM-C1028
	2.6.2 Wet	μ<0.4	-	μ<0.6	
Dinamic coefficient of friction (DCOF)		≤ 0,4 - Slip > 0,4 Antslip	-	< 0.4 - SLIP	ANSI A 137-1, Section 9.6
3. Chemical Properties					
3.1 Resistance to chemicals		Ubmin	-	ULA	ISO-10545-13
3.2 Resistance to staining		1 a 5 1- Impossible to eliminate 5- Maximum ease	-	4	ISO-10545-14
4. Shade Variation					
		V1 a V4		V1	ANSI A 137-1, Section 5.4.2
5. Acceptande of Supplier					
Acknowledgment and acceptance of the terms and requirements defined or referenced in this Technical Specification.					
Company: ECERAMIC				Title: Quality Control Director	
Name: Archt. Ricardo Porto				Date: November 9, 2023	
Signature: 					