

PRODUCT: PORCELAIN GLAZED POLISHED

PRODUCTION NORM: ISO 13006

TIPY: B1a

NOMINAL SIZE: 80 x 80 cms

WORK SIZE: 800 x 800 MM

THICKNESS: 9 MM

1. Dimensions and Surface Quality - ISO 10545

TECHNICAL FEATURES		SPECIFICATIONS	UNIT	AVARAGE	STANDART
1.1 Length		± 0,6% MAX	mm	795,20 ~ 804,80	ISO-10545-2
1.2 Whidth		± 0,6% MAX	mm	795,20 ~ 804,80	
1.3 Thickness		± 5% MAX.	mm	9,02 ~ 9,97	
1.4 Straightness of sides		± 0,5% MAX	mm	-0,40 ~ + 0,40	
1.5 Regularity		± 0,5% MAX	mm	-0,40 ~ + 0,40	
1.6 Surface flatness	1.6.1 Centre curvature	± 0,5% MAX	mm	-0,40 ~ + 0,40	
	1.6.2 Edge curvature	± 0,5% MAX	mm	-0,40 ~ + 0,40	
	1.6.3 Warpage (vs diagonal)	± 0,6% MAX	mm	-0,68 ~ + 0,68	
1.7 Surface quality		95	%	95	

2. Physical Properties - ISO 10545

2.1 Water absorption		≤ 0,5	%	0,5	ISO-10545-3
2.2 Modulus of Rupture		≥ 35	N/mm ²	38	ISO-10545-4
2.3 Deep Abrasion Resistance		1 a 5	PEI	4	ISO-10545-7
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 Anti SLIP	-	< 0,4 -SLIP	ANSI A 137-1, Section 9.6

3. Chemical Properties - ISO 10545

3.1 Resistance to chemicals		Ubmin	-	GLA	ISO-10545-13
3.2 Resistance to staining		1 a 5 1- Impossible to eliminate 5- Maximum ease	-	5	ISO-10545-14

4. Shade Variation

	V1 a V4	V2	ANSI A 137-1, Section 5.4.2
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5. Acceptande of Supplier

Acknowledgment and acceptance of the terms and requirements defined or referenced in this Technical Specification.

Company: Porcemall USA Corp.

Name: Archt. Ricardo Porto



Signature:

Title: **Quality Control Director**

Date: **April 05, 2023**