



DESIGN QUALIFYING REPORT

Size	40cm x 40cm	
Identification Name	RUSTIC COLLECTION	
Product Category	Fully Vitrified Full Body Porcelain	
CODES	RC.0V3.0001B9.SM.03	BEIGE
	RC.0V3.0003C2.SM.03	LIGHT GREEN
	RC.0V3.0004E8.SM.03	BROWN
	RC.0V3.0006C8.SM.03	BROWNISH GREEN
	RC.0V3.0006F3.SM.03	SILVER GREY
	RC.0V3.0007F1.SM.03	GOLDEN
	RC.0V3.0007F2.SM.03	CREAM
	RC.0V3.0009B3.SM.03	DARK GREY

FEATURES			
No	Description of the Test	Test Method	Result
1	Length & Width (Average)	ISO 10545.2	H(400.6-401.8), S(399.4-400.6) & G (398.2-399.4)
2	Rectangularity (Average)	ISO 10545.2	0.35 % (Max)
3	Thickness (Average)	ISO 10545.2	8.3 ± 0.2 mm
4	Surface Flatness (Average)	ISO 10545.2	-
	Centre Curvature related to the diagonal calculated from work size	ISO 10545.2	±0.2 % (±1.2 mm)
	Edge Curvature related to the corresponding work size	ISO 10545.2	±0.3 % (±1.2 mm)
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	±0.3 % (±1.2 mm)
5	Water Absorption by mass (Average)	ISO 10545.3	less than 0.5%
6	Modulus of Rupture	ISO 10545.4	35.0 N/mm ²
7	Abrasive Resistance (Maximum)	ISO 10545.7	Class III
8	Resistance to Thermal Shock	ISO 10545.9	Resistant
9	Resistance to Crazeing	ISO 10545.11	Resistant
10	Chemical Resistance	ISO 10545.13	Resistant
11	Resistance to Stains	ISO 10545.14	Class V
12	Moh's Scale Hardness		7
13	Display of Tiles		At least 6 tiles should be properly displayed to express random effect

APPLICATIONS

Product features are **abrasion resistance** with high **scratch hardness**. Therefore it is suitable for flooring in **heavy traffic areas** like varendas, shops and banks. Cleaning & maintenance can be done with fresh water and household chemicals

Prepared by:	Eng. Prod.	Date	30-09-2020
Reviewed by:	Manager - QA, R &D	Date	30-09-2020
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