



DESIGN QUALIFYING REPORT

Size	60cm x 30cm
IDENTIFICATION NAME	QUARTZO GRAPHITE – MATTE
Product Category	FULLY VITRIFIED FULL BODY PORCELAIN (RUSTIC)
CODES	RC.0QG.000136.QM.0M QUARTZO GRAFITE - WHITE
	RC.0QG.000205.QM.0M QUARTZO GRAFITE - YELLOW
	RC.0QG.000440.QM.0M QUARTZO GRAFITE - BROWN
	RC.0QG.000630.QM.0M QUARTZO GRAFITE - GRAFITE

FEATURES

Satin Matt surface with soft structure, having a Soft range of colours with stone effect. **The elegance of the stone design is given by random decorations**

	Description of the Test	Test Method	
1	Length & Width (Average)	ISO 10545.2	R(600 x 300 mm)
2	Rectangularity (Average)	ISO 10545.2	Rectified (Diagonal ± 0.3 mm)
3	Thickness (Average)	ISO 10545.2	10.0 \pm 0.2 mm
4	Surface Flatness (Average)		
	Centre Curvature related to the diagonal calculated from work size	ISO 10545.2	± 0.2 % (± 0.9 mm, ± 1.4 mm)
	Edge Curvature related to the corresponding work size	ISO 10545.2	± 0.3 % (± 0.9 mm, ± 1.4 mm)
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	± 0.3 % (± 0.9 mm, ± 1.4 mm)
5	Water Absorption by mass (Average)	ISO 10545.3	less than 0.5%
6	Modulus of Rupture (Minimum)	ISO 10545.4	35.0 N/mm ²
7	Deep abrasion	ISO 10545.6	165 mm ³
8	Surface abrasion (Minimum)	ISO 10545.7	Class III (>750revolution)
9	Resistance to Thermal Shock	ISO 10545.9	Resistant
10	Resistance to Crazing	ISO 10545.11	Resistant
11	Chemical Resistance	ISO 10545.13	Resistant
12	Resistance to Stains	ISO 10545.14	Class V
13	Moh's Scale Hardness		7
14	Display of Tiles		At least 6 tiles should be properly displayed to express random effect

APPLICATIONS

Product features are full body porcelain with high **scratch hardness** . It is suitable for flooring **in medium traffic areas** . Cleaning & maintenance can be done with fresh water and household chemicals

Prepared by:	Eng. Prod.	Date	12-09-2009
Reviewed by:	Manager - QA, R & D	Date	12-09-2009
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