

 <b>DESIGN QUALIFYING REPORT</b>			
<b>Size</b>		60cm x 30cm	
<b>IDENTIFICATION NAME</b>		TECHNO QUARTZ	
<b>Product Category</b>		FULLY VITRIFIED FULL BODY PORCELAIN (RUSTIC)	
<b>CODES</b>	RC.0SC.0007G4.AM.0M	TECHNO QUARTZ - WHITE	
	RC.0SC.0007G5.AM.0M	TECHNO QUARTZ - BROWN	
	RC.0SC.0007G6.AM.0M	TECHNO QUARTZ - LIGHT GREEN	
	RC.0SC.0007G7.AM.0M	TECHNO QUARTZ - LIGHT GREEN	
	RC.0SC.0007G9.AM.0M	TECHNO QUARTZ - BLACK	
<b>FEATURES</b>			
Satin Matt surface with soft structure, having a Soft range of colours with stone effect. <b>The elegance of the stone design is given by random decorations</b>			
	<b>Description of the Test</b>	<b>Test Method</b>	
1	Length & Width (Average)	ISO 10545.2	R(600 x 300 mm)
2	Rectangularity (Average)	ISO 10545.2	Rectified (Diagonal $\pm 0.3$ 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	$\pm 0.2$ % ( $\pm 0.9$ mm, $\pm 1.4$ mm)
	Edge Curvature related to the corresponding work size	ISO 10545.2	$\pm 0.3$ % ( $\pm 0.9$ mm, $\pm 1.4$ mm)
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	$\pm 0.3$ % ( $\pm 0.9$ mm, $\pm 1.4$ 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 <sup>2</sup>
7	Deep abrasion	ISO 10545.6	165 mm <sup>3</sup>
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
<b>APPLICATIONS</b>			
Product features are full body porcelain with high <b>scratch hardness</b> . It is suitable for flooring <b>in medium traffic areas</b> . Cleaning & maintenance can be done with fresh water and household chemicals			
<b>Prepared by:</b>	<b>Eng. Prod.</b>	<b>Date</b>	<b>11-02-2008</b>
<b>Reviewed by:</b>	<b>Manager - QA, R &amp;D</b>	<b>Date</b>	<b>11-02-2008</b>
<b>Revision No.</b>	<b>3</b>	<b>Date of Revision</b>	<b>22-09-2018</b>