

 <b>DESIGN QUALIFYING REPORT</b>			
<b>SIZE</b>		60cm x 60cm-Rectified	
<b>IDENTIFICATION NAME</b>		CRYSTAL – Lapato	
<b>PRODUCT CATEGORY</b>		Fully vitrified Full Body Porcelain	
<b>CODE</b>	RC.CST.000113.0Z.05	White	
FEATURES			
	Description of the Test	Test Method	
1	Length & Width (Average)	ISO 10545.2	R(600 x600 mm) ±0.2 mm
2	Rectangularity (Average)	ISO 10545.2	-
3	Thickness (Average)	ISO 10545.2	9.50 ± 0.5 mm
4	Surface Flatness (Average)		
	Centre Curvature related to the diagonal calculated from work size	ISO 10545.2	±0.4 %
	Edge Curvature related to the corresponding work size	ISO 10545.2	±0.4 %
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	±0.4 %
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	Abrasion resistance	ISO 10545-6	165mm <sup>3</sup>
8	Surface abrasion (PEI)	ISO 10545-7	Class III
9	Resistance to Thermal Shock	ISO 10545.9	Resistant
10	Resistance to Crazeing	ISO 10545.11	Resistant
12	Chemical Resistance	ISO 10545.13	Resistant
13	Resistance to Stains	ISO 10545.14	Class V
14	Color Resistance to light		Resistant
15	Moh's Scale Hardness		7
APPLICATIONS			
<p>Product features are full body porcelain with high <b>scratch hardness</b> . It is suitable for flooring in <b>medium traffic areas</b> . Cleaning &amp; maintenance can be done with fresh water and household chemicals</p>			
<b>Prepared by:</b>	Eng. Prod.	<b>Date</b>	<b>22-08-2014</b>
<b>Reviewed by:</b>	Manager - QA, R &D	<b>Date</b>	<b>22-08-2014</b>
<b>Revision No.</b>	3	<b>Date of Revision</b>	<b>20-10-2020</b>