

 <b>DESIGN QUALIFYING REPORT</b>			
<b>SIZE</b>		60cm x 60cm-Rectified	
<b>IDENTIFICATION NAME</b>		<b>MAUNA LOA – Matt</b>	
<b>PRODUCT CATEGORY</b>		Fully vitrified Full Body Porcelain	
<b>CODE</b>	RC.MLA.000411.MA.05	Graphite	
	RC.MLA.000406.MA.05	Sand	
	RC.MLA.000691.MA.05	Beige	
<b>FEATURES</b>			
	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	9.0 ± 0.3 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 Crazing	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
<b>APPLICATIONS</b>			
Product features are full body porcelain with high <b>scratch hardness</b> . It is suitable for flooring in <b>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>13-12-2020</b>
<b>Reviewed by:</b>	<b>Manager - QA, R &amp;D</b>	<b>Date</b>	<b>13-12-2020</b>
<b>Revision No.</b>	<b>0</b>	<b>Date of Revision</b>	<b>0</b>