

 <div>ROYAL CERAMICS LANKA LTD</div> <div>DESIGN QUALIFYING REPORT</div>			
SIZE		60cm x 60cm-Rectified	
IDENTIFICATION NAME		ADAGIO – Matte	
PRODUCT CATEGORY		Fully vitrified Full Body Porcelain	
CODE	RC.0AD.000677.VS.05	Black	
	RC.0AD.000430.VS.05	Brown	
	RC.0AD.000623.VS.05	Grey	
	RC.0AD.000647.VS.05	Light Grey	
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	10.0 ± 0.2 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 ²
7	Abrasion resistance	ISO 10545-6	165mm ³
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
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	29-07-2015
Reviewed by:	Manager - QA, R &D	Date	30-07-2015
Revision No.	1	Date of Revision	20-10-2018