



CERAMIC GLAZED TILES

DESIGN QUALIFYING REPORT

Size

40 cm x 40 cm

Identification Name

ATENA COLLECTION

CODE

N/31M

Atenas Glossy – Blue

N/74M

Atenas Glossy – Barly White

N/78M

Atenas Glossy – Spring Willow

N/81M

Atenas Glossy – Grey

N/82M

Atenas Glossy – Smoke Grey

N/83M

Atenas Glossy – Brown

N/89M

Atenas Glossy – Saffron

	Description of the Test	Test Method	
1	Length & Width (Average)	ISO 10545.2	H,S & G
2	Rectangularity (Average)	ISO 10545.2	0.21 %(Max)
3	Thickness (Average)	ISO 10545.2	8.7 ± 0.1 mm
4	Surface Flatness (Average)	ISO 10545.2	
	Centre Curvature related to the diagonal calculated from work size	ISO 10545.2	0.2 % (Max) (1.0 mm)
	Edge Curvature related to the corresponding work size	ISO 10545.2	0.2 % (Max) (0.9 mm)
	Warpage related to the diagonal calculated from the work size	ISO 10545.2	0.2 % (Max) (1.0 mm)
5	Water Absorption by mass (Average)	ISO 10545.3	5.40% (Max 5.8%)
6	Modulus of Rupture	ISO 10545.4	27 N/mm ²
7	Abrasive Resistance	ISO 10545.7	Class II (Maximum)
8	Thermal Expansion	ISO 10545.8	65.5 X 10 ⁻⁷ °C ⁻¹
9	Resistance to Thermal Shock	ISO 10545.9	Resistant
10	Resistance to Crazing	ISO 10545.11	Resistant
11	Frost Resistance	ISO 10545.12	Resistant
12	Determination of Chemical Resistance	ISO 10545.13	Resistant
13	Resistance to Stains	ISO 10545.14	Class I
14	Colour Resistance to light		Resistant
15	Moh's Scale Hardness		4.5 – 5.0

APPLICATIONS

As the resistance to surface abrasion is very low, and poor resistance to scratch hardness, Product is suitable for internal domestic flooring in low traffic zones. Not suitable for exterior and can be slippery in wet conditions.