

TECHNICAL SPECIFICATION



QUALITY. GUARANTEED.

MML PORCELAIN

$E \leq 0.5\%$ (BIA, ANNEX G)

TECHNICAL FEATURES	STANDARDS	INTERNATIONAL STANDARDS	MML TYPICAL STANDARDS
DIMENSIONAL CHARACTERISTICS			
Length & Width	ISO 10545-2	$\pm 0.60\%$ max $\pm 2.0\text{mm}$	$\pm 0.25\%$ max $\pm 2.0\text{mm}$
Thickness	ISO 10545-2	$\pm 5.00\%$ max $\pm 0.5\text{mm}$	$\pm 5.00\%$ max $\pm 0.5\text{mm}$
Straightness of Sides	ISO 10545-2	$\pm 0.50\%$ max $\pm 1.5\text{mm}$	$\pm 0.25\%$ max $\pm 1.5\text{mm}$
Rectangularity	ISO 10545-2	$\pm 0.50\%$ max $\pm 2.0\text{mm}$	$\pm 0.30\%$ max $\pm 2.0\text{mm}$
Surface Flatness	ISO 10545-2	$\pm 0.50\%$ max $\pm 2.0\text{mm}$	$\pm 0.25\%$ max $\pm 2.0\text{mm}$
CHEMICAL PROPERTIES			
Resistance to Household Chemicals & Swimming Pool Salts	ISO 10545-13	Min GB	GB
Resistance to Staining	ISO 10545-14	Min Class 3	Class 3
PHYSICAL PROPERTIES			
Water Absorption	ISO 10545-3	Group BIa, $E \leq 0.5\%$	$\leq 0.5\%$
Breaking Strength	ISO 10545-4	Min 1300 N	1300 N
Modulus of Rupture	ISO 10545-4	Min 35 N / mm ²	> 35 N / mm ² (Depending on Series)
Resistance to Surface Abrasion	ISO 10545-7	Report Abrasion Class	Glazed: Class 2 – 4 (Depending on Glaze Type)