

porcelain

PORCELAIN

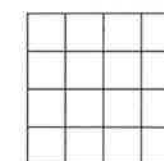
TECHNICAL SPECIFICATIONS

MML PORCELAIN, E ≤ 0.5% (B1A, ANNEX G)

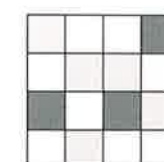
TECHNICAL FEATURES	STANDARDS	INTERNATIONAL STANDARDS	MML TYPICAL STANDARDS
DIMENSIONAL CHARACTERISTIC			
Length and width	ISO 10545-2/ EN98	±0,60% max±2,0mm	±0,25% max±2,0mm
Thickness	ISO 10545-2/ EN98	±5,00% max±0,5mm	±5,00% max±0,5mm
Straightness of sides	ISO 10545-2/ EN98	±0,50% max±1,5mm	±0,25% max±1,5mm
Rectangularity	ISO 10545-2/ EN98	±0,50% max±2,0mm	±0,30% max±2,0mm
Surface flatness	ISO 10545-2/ EN98	±0,50% max±2,0mm	±0,25% max±2,0mm
CHEMICAL PROPERTIES			
Resistance to household chemicals & swimming pool salts	ISO 10545-13/ EN106	min GB	GB
Resistance to staining	ISO 10545-14	min Class 3	Class 3
PHYSICAL PROPERTIES			
Water absorption	ISO 10545-3/ EN99	Group B1a, E≤0,5%	≤0,5%
Breaking strength	ISO 10545-4/ EN100	min 1300 N	1300 N
Modulus of rupture	ISO 10545-4/ EN100	min 35 N/mm ²	>35 N/mm ² [depending on series]
Resistance to surface abrasion	ISO 10545-7/ EN154	Report abrasion class	Glazed: Class 2 - 4 [depending on glaze type]
Resistance to deep abrasion	ISO 10545-6/ EN 102	max 175mm ³	Unglazed: max 150mm ³

Note: The above generic standards on MML Porcelain serves as a general guideline only. Different types of tiles are made to meet different performance requirements. For legal compliance or for specific product technical performance please request a confirmation or report from MMSB Sales & Marketing team or agent.

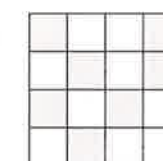
SHADE VARIATION



V1 UNIFORM APPEARANCE
Differences among pieces from the same production run are minimal.



V3 MODERATE VARIATION
While the colours present on a single piece of tile will be indicative of the colours to be expected on other tiles, the intensity of colours on each piece may vary significantly.



V2 SLIGHT VARIATION
Clearly distinguishable texture and/or patterns within the same colour code.



V4 SUBSTANTIAL VARIATION
Random shades. The tiles within the same colour code may have totally different colours and shades compared to each other. Thus, the final installation will be unique.