

suncore

TILES



600X600MM

www.suncoretiles.com

SUPER WHITE



MATRIX VANILLA



MATRIX HONEY





MATRIX
series

600x
600mm



MATRIX DOVE





MATRIX
series

600x
600mm

Double
CHARGE
VITRIFIED TILES

MATRIX CORE





MATRIX
series

600x
600mm

Double
CHARGE
VITRIFIED TILES

MATRIX PISTA





MATRIX
series

600x
600mm



MATRIX WHITE



TECHNICAL SPECIFICATION

Sr. No.	CHARACTERISTICS	STANDARD AS PER IS 15622:2006 GROUP BIA	OUR VALUE	TEST METHOD
REGULATORY PROPERTIES				
01	Deviation in length & width	± 0.5%	± 0.1%	ISO-10545-2
02	Deviation in thickness	± 5.0%	± 2.0%	ISO-10545-2
03	Straightness of sides	± 0.5%	± 0.1%	ISO-10545-2
04	Rectangularity	± 0.5%	± 0.1%	ISO-10545-2
05	Surface flatness	± 0.5%	± 0.2%	ISO-10545-2
06	Colour difference	Unaltered	No Change	ISO-10545-16
07	Glossiness	As per manufacturer	Min 70%	Glossometer
STRUCTURAL PROPERTIES				
01	Water Absorption	< 0.5%	< 0.05 %	ISO-10545-3
02	Apparent density	> 2.0 gm/cc	> 2.28 gm/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES				
01	Flexural modulus or rupture	Min 35 N/mm ²	Min 40 N/mm ²	ISO-10545-4
02	Flexural breaking strength	Min 1300 N	Min.2000 N	ISO-10545-4
03	Impact resistance	As per manufacturer	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
01	Deep abrasion resistance	Max 175mm ³	Max 132mm ³	ISO-10545-6
02	Moh's hardness	Min 6	8 ⁺	EN 101
THERMOHYDROMETRIC PROPERTIES				
01	Frost resistance	No Damage	Frost proof	ISO-10545-12
02	Thermal shock resistance	No Damage	No Damage	ISO-10545-9
03	Moisture expansion	Nil	Nil	ISO-10545-10
04	Thermal Expansion	Max 9.0x10 ⁻⁶	Max 6.5x10 ⁻⁶	ISO-10545-8
CHEMICAL PROPERTIES				
01	Chemical resistance	No Damage	No Damage	ISO-10545-13
02	Satin resistance	Resistance	Resistance	ISO-10545-14
SAFETY PROPERTIES				
01	Slip resistance (friction co efficient)	> 0.40	> 0.40	ISO-10545-17

PACKING DETAILS

Sr. No.	NOMINAL SIZE BOX	NO. OF TILES PER BOX.	COVERAGE AREA
01	600x600mm	4 Pcs.	1.44 Sq.Mtr. / 15.5 Sq.Ft.

A P P L I C A T I O N



/ Airport



/ Rsstaurant



/ Bathroom



/ Hospital



/ Café / Bar



/ Petrol Pump



/ Railway Station



/ House

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