



Crystal Forest - N

Size: 800X1600 mm | Design: Marble | Finish: High Gloss Exotic Finish in Glazed Vitrified Tiles Body | Series:



Front View

Scale View

Packaging Details

Size	No. of tiles in box	Coverege Area	
		sq/mtr	sq/ft
800X1600 mm	2.0	2.56	27.56

Technical Specification

Sr.No.	Test Description	Standard Test Method	ISO 13006 : 2018 E Specification Bia	Nitco's Value	
				1600 mm side	800 mm side
1	Length and Width	ISO 10545-2 / EN 98	$\pm 0.3 \%$ (max ± 1.0 mm)	$\pm 0.06\%$	$\pm 0.10\%$
2	Thickness	ISO 10545-2 / EN 98	$\pm 5.0 \%$ (max ± 0.5 mm)	$\pm 5\%$	
3	Straightness of sides	ISO 10545-2 / EN 98	$\pm 0.3 \%$ (max ± 0.8 mm)	$\pm 0.05\%$	$\pm 0.10\%$
4	Rectangularity	ISO 10545-2 / EN 98	$\pm 0.3 \%$ (max ± 1.5 mm)	$\pm 0.08\%$	$\pm 0.10\%$
	Surface flatness	ISO 10545-2 / EN 98			
5	a. Centre curvature	ISO 10545-2	$\pm 0.4 \%$ (max ± 1.8 mm)	$\pm 0.10\%$	
	b. Edge curvature	ISO 10545-2		$\pm 0.10\%$	$\pm 0.15\%$
	c. Warpage	ISO 10545-2		$\pm 0.10\%$	
6	Surface Quality	ISO 10545-2 / EN 98	95% free from visible defects	> 95% free from visible defects	
7	Water Absorption	ISO 10545-3 / EN 99	< 0.5%, Max 0.6%	< 0.08%	
8	Breaking Strength, N	ISO 10545-4 / EN 100	Min 1300 N	Min. 1300 N	
9	Modulus of Rupture (MOR), N/mm ²	ISO 10545 -4 / EN 100	> 35	> 35 N	
10	Abrasion Resistance	ISO 10545-7 / EN 154	Report abrasion class and cycles passed	PEI III for Glossy PEI IV for Matt	
11	Thermal Shock Resistance	ISO 10545-9 / EN 104	Resistant to 10 cycle	Resistant	
12	Crazing Resistance	ISO 10545-11 / EN 105	No Crazing	Resistant	
13	Resistance to Acids, Alkalies and Chemicals (Except HF Acid)	ISO 10545-13 / EN 106	No Visible effect	No Visible effect	
14	Resistance to staining	ISO 10545-14	Min 3	Min Class 4	
15	Gloss Value (For PGVT)			> 80	