



A blackboard with two hands holding the bottom edge. The blackboard is a solid dark grey or black rectangle. Two hands are visible at the bottom, one on the left and one on the right, with fingers spread, appearing to hold the board in place. The background is white.

Size	No. of tiles in box	Coverge Area	
		sq/mtr	sq/ft
600X1200 mm	2.0	1.44	15.5

Technical Specification

Sr.No.	Test Description	Standard Test Method	ISO 13006 : 2018 E Specification Bia	Nitco's Value	
				1200 mm side	600 mm side
1	Length and Width	ISO 10545-2 / EN 98	$\pm 0.3 \%$ (max +/-1.0 mm)	$\pm 0.08\%$	$\pm 0.10\%$
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 +/-0.8mm)	$\pm 0.06\%$	$\pm 0.10\%$
4	Rectangularity	ISO 10545-2 / EN 98	$\pm 0.3 \%$ (max +/-1.5 mm)	$\pm 0.10\%$	
	Surface flatness	ISO 10545-2 / EN 98			
5	a. Centre curvature	ISO 10545-2	$\pm 0.4 \%$ (max +1.8 mm)	$\pm 0.13\%$	
	b. Edge curvature	ISO 10545-2		$\pm 0.15\%$	
	c. Warpage	ISO 10545-2		$\pm 0.13\%$	
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	