















## Porcelain stoneware

Classification in accordance with CEN/ISO standards B1a EN 14411 - Iso 13006

	Technical Characteristic	Norm	Value required	Mean value 	USA tests 	Mean value 			
	Lenght and width	ISO 10545.2	±0,6% (±2,00 mm)	In accordance	ASTM C-499 ASTM C-485 ASTM C-502	In accordance			
	Thickness		±5% (±0,5 mm)						
	Warpages of edges		±0,5% (±1,5 mm)						
	Wedging		±0,5% (±2,00 mm)						
	Flatness		±0,5% (±2,00 mm)						
	Assorbimento % d'acqua Water absorption %	ISO 10545.3	≤ 0,5%	In accordance	ASTM C-373	In accordance			
	Resistenza alla flessione Bending strength	ISO 10545.4	≥ 35N/mm <sup>2</sup>	In accordance	ASTM C-648 250 LBS or greater	In accordance			
	Linear thermal expansion between 20° and 100° C	ISO 10545.8	According to builder's specifications	≈ 7x10 <sup>-6</sup> C <sup>-1</sup>					
	Thermal shock resistance	ISO 10545.9	Richiesta Request	Resistant					
	Frost resistance	ISO 10545.12	Richiesta Request	Resistant	ASTM C-1026	In accordance			
	Resistance to chemical attack	ISO 10545.13	According to builder's specifications	Resistant	ASTM C-650	In accordance			
	Colours resistance to light	DIN 51094	Nessuna alterazione No alteration	In accordance					
	Stain resistance	ISO 10545.14	≥ Classe 3 Test method available	In accordance					
	Slippage resistance	DIN 51130 *	9 ≤ R ≤ 13	NAT	R10	ASTM C-1028 * COF ≥ 0,6 Dry ≥ 0,6 Wet	NAT	D 0.62-W 0.61	
				VELVET	R11		VELVET	D 0.90-W 0.70	
				20MM	R11		20MM		
		DIN 51097 *		A,B,C	NAT	A+B	ANSI * 137.1-2012 DCOF > 0,42 Wet	NAT	0.58
					VELVET	A+B+C		VELVET	0.72
					20MM	A+B+C		20MM	
	Pendulum slip test	BS EN 7976-2*	> 36 Dry > 36 Wet	NAT					
				VELVET					
				20MM					

\*Test methods, requirements and classifications differ from country to country, according to the national regulations. The expected value of slippage resistance of products by Industrie Nasco Stone & Tile may vary depending on the production batch. Specific documents are available upon request.