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AN ASME-LIANHE ZAOBAO AWARD  
 新加坡金字品牌奖  
 Singapore  
 Prestige  
 Brand Award 13

Winner, SPBA - Established Brands



GENERAL TECHNICAL CHARACTERISTICS							
	TECHNICAL CHARACTERISTIC	Test method	Requirements under EN 14411 - G / ISO 13006 - G Group BIa-UGL	Values SLIMTECH 3mm	Values SLIMTECH 3plus	Values SLIMTECH 5plus	
	Water absorption	ISO 10545-3	≤ 0,5%	≤ 0,1%	≤ 0,1%*	≤ 0,1%*	
	Bending strength	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	≥ 120 N/mm <sup>2</sup> **	≥ 55 N/mm <sup>2</sup> **	
	Breaking strength (S)	ISO 10545-4	≥ 700 N	Not requested Wall covering	≥ 1000 N**	≥ 1200 N**	
	Deep abrasion resistance	ISO 10545-6	≤ 175 mm <sup>3</sup>	Compliant	Compliant	Compliant	
	Compression strength	-	-	Not requested Wall covering	≥ 400 N/mm <sup>2</sup>	≥ 400 N/mm <sup>2</sup>	
	Linear thermal expansion	ISO 10545-8	ISO makes no provision for this test	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
	Thermal shock resistance	ISO 10545-9	ISO makes no provision for this test	Resistant	Resistant	Resistant	
	Frost-resistance	ISO 10545-12	No alterations	Resistant	Resistant	Resistant	
	Chemical resistance	ISO 10545-13	As indicated by manufacturer	Refer to specific collection catalogue	Refer to specific collection catalogue	Refer to specific collection catalogue	
	Chemical resistance to household products	ISO 10545-13	UB min.	Refer to specific collection catalogue	Refer to specific collection catalogue	Refer to specific collection catalogue	
	Stain resistance	Refer to specific collection catalogue	Class 3 min.	Refer to specific collection catalogue	Refer to specific collection catalogue	Refer to specific collection catalogue	
	Size characteristics	Length and width	ISO 10545-2	± 0,6%	± 0,6%	± 0,6%	± 0,6%
		Straightness of sides		± 0,5%	± 0,2%	± 0,2%	± 0,2%
		Squareness of sides		± 0,6%	± 0,2%	± 0,2%	± 0,2%
		Flatness		± 0,5%	± 0,5%	± 0,5%	± 0,5%
		Thickness		± 5%	± 5%	± 5%	± 5%

\* Average value referred to ceramic material only

\*\* Average value referred to the all-in-one piece (slab and fiberglass mesh)