

TECHNICAL DATA / TEST VALIDATION

MOD. 402/04

REV. 03 DEL 13-01-2016

				Bla GL
				TIMESTONE
TECHNICAL SPECIFICATIONS	STANDARD	VALUE REQUIRED		
Characteristics of regularity	Size sides non-rectified	ISO 10545-2	$\pm 0,6\%$ max $\pm 2,0$ mm	CONFORMS
	Size sides rectified-tiles		$\pm 0,3\%$ max $\pm 1,0$ mm	CONFORMS
	Thickness		$\pm 5,0\%$ max $\pm 0,5$ mm	CONFORMS
	Squareness of corners non-rectified		$\pm 0,5\%$ max $\pm 2,0$ mm	CONFORMS
	Squareness of corners rectified-tiles		$\pm 0,3\%$ max $\pm 1,5$ mm	CONFORMS
	Straightness of sides non-rectified		$\pm 0,5\%$ max $\pm 1,5$ mm	CONFORMS
	Straightness of sides rectified-tiles		$\pm 0,3\%$ max $\pm 0,8$ mm	CONFORMS
	Planarity non-rectified		$\pm 0,5\%$ max $\pm 2,0$ mm	CONFORMS
	Planarity rectified-tiles		$\pm 0,4\%$ max $\pm 1,8$ mm	CONFORMS
Structural characteristics	Mass of water absorbed	ISO 10545-3	$\leq 0,5\%$	CONFORMS
Massive mechanical properties	Breaking stress	ISO 10545-4	$S \geq 1300$ N	CONFORMS
	Bending resistance		$R \geq 35$ N/mm ²	CONFORMS
Surface mechanical properties	surface abrasion resistance	ISO 10545 -7	request	Test method available
Characteristics thermohygrometric	thermal shock resistance	ISO 10545-9	request	RESIST
	Frost resistance	ISO 10545-12	request	RESIST
SAFETY FEATURES	Dinamic friction coefficient	method B.C.R.A.	D.M.I.Giugno 1989 n.236 ($\mu > 0,40$)	Test method available
	Dinamic friction coefficient	BOT 3000	Slip Resistant ($\geq 0,42$)	$\geq 0,42$
	antiskid classification	DIN 51130	On the environment or the working area	R 9 NAT R11 GRIP
	antiskid classification	DIN 51097	Depending on the wet areas subject to trampling barefoot	Test method available

Chemical characteristics	Resistance to household chemicals and swimming pool additives	ISO 10545 -13	Class B min.	A
	low concentrations of acids and alkali resistance		According to the classification indicated by the manufacturer	LA
	high concentrations of acids and alkali resistance		According to the classification indicated by the manufacturer	Test method available
	Stain Resistance	ISO 10545 - 14	Class 3 min.	5