

I TRAVERTINI



Technical Specification

TECHNICAL FEATURES GLAZED FINE PORCELAIN STONEWARE - ISO 13006 BIa GL				
	Physical / Chemical Properties	Standard of Test	Mean Value	
	Dimensions	ISO 10545-2		
	Length and Width		W	
			10 test	±0.5%max
	Thickness		±0.5%max	
	Straightness of Sides		±0.5%max	
	Rectangularity		±0.6%max	
	Surface Flatness		ISO 10545-2	
ASTM C 485		Warpage diagonal/edge ± 0.4%		
	Water absorption	ISO 10545-3	$E \leq 0.5\%$	
	Frost resistance	ISO 10545-12	Frost Proof	
	Resistance to thermal shock	ISO 10545-9	Resistant	
	Linear thermal expansion coefficient (50°/400°)	ISO 10545-8	Test Method Available	
	Crazing resistance of glazed tiles	ISO 10545-11	Resistant	
	Scratch Hardness (MOHS scale)	EN 101	MOHS 6	
	Resistance to surface abrasion of glazed tiles	ISO 10545-7	Class 4	
	Resistance to household chemicals	ISO 10545-13	Class GA	
	Resistance to low concentrations of acids and bases		Class GL-A	
	Resistance to stains of glazed tiles	ISO 10545-14	Class 5	
	Bending strength	ISO 10545-4	$S \geq 1300 \text{ N}$	
	Anti-slip properties	DIN 51130	I TRAVERTINI: nat . nat-rett R 10 lapp-rett R 9	
			TEMPLA: lapp-rett R 9	
		ASTM C 1028	I TRAVERTINI: nat . nat-rett DRY: $\mu > 0.70$ - WET: $\mu > 0.70$ lapp-rett DRY: $\mu > 0.60$ - WET: $\mu > 0.50$ TEMPLA: lapp-rett DRY: $\mu > 0.60$ - WET: $\mu > 0.50$	