

Vutox Test Data

Test Standard	Test	Test Units	Result
BS EN ISO 10545-3: 1997	Water Absorption	%	0.03
BS EN ISO 10545-4: 2012	Modulus of Rupture	N/mm ²	75.2
	Breaking Strength Value	N	17428
BS EN ISO 10545-5: 1998	Impact Resistance - Coefficient of Restitution	Number	0.90
BS EN ISO 10545-6: 2012	Determination of Deep Abrasion: Volume Abraded	mm ³	68
BS EN ISO 10545-8: 1996 & BS 1902: 5.3: 1990	Thermal Expansion	Number	8.6x10 ⁻⁶ C ⁻¹
BS EN ISO 10545-10: 1997	Moisture Expansion	%	0.00
BS EN ISO 10545-12: 1997	Frost Resistance - Water Impregnation by Total Immersion Method	Observation	No Evidence of Damage
BS EN ISO 10545-13:1997	Determination of Chemical Resistance	Class	
	Ammonium Chloride Solution 100 g/l		UA
	Sodium Hypochlorite Solution 20 mg/l		UA
	Hydrochloric Acid Solution 3% v/v		ULC
	Citric Acid Solution 100 g/l		ULC
	Potassium Hydroxide Solution 30 g/l		ULC
	Hydrochloric Acid Solution 18% v/v		UHC
	Lactic Acid Solution 5% v/v		UHC
	Potassium Hydroxide Solution 100 g/l		UHC
BS EN ISO 10545-14: 1997	Stain Resistance	Class	5
BS 7976-2: 2002	Slip Resistance Dry	Pendulum Test Value	44
	Slip Resistance Wet	Pendulum Test Value	14
	Ra Value µm	µm	0.23
	Rz Value µm	µm	0.98
BS 6431-13: 1986 and EN101: 199	Mohs' Scratch Hardness	Number	6
BS EN 13501-1 CWFT (96/603/EC)	Fire Classification	Class	A1