

Harvest Blend - Technical Properties

All tiles conform to the requirements of BS EN 14411 Group AIIa and subject to strict process and laboratory quality control

	Characteristic	Test Standard	BS EN 14411 Requirements Group AIIa	Natural Tiles Value
	Water Absorption	ISO 10545 - 3	Group AII a-1 $\leq 6\%$	Less than 6%
	Dimensions and Surface Quality	ISO 10545 - 2	Length & Width $\pm 2\%$ Thickness $\pm 10\%$ Straightness $\pm 0.6\%$ Flatness $\pm 1\%$	Fulfilled
	Frost Resistance	ISO 10545 - 12	No Requirement	Frostproof. No damage after 100 freeze/thaw cycles
	Resistance to Deep Abrasion	ISO 10545 - 6	Volume of lost material $\leq 393\text{mm}^3$	Fulfilled (166mm ³)
	Resistance to Stains	ISO 10545 - 14	Minimum Class 3	Light oil: class 5 Iodine: Class 5 Olive Oil: Class 4
	Slip Resistance	ISO 10545 - 17	Stated co-efficient of friction	R11 Pendulum SRV's ranging from 54 to 56
	Chemical Resistance	ISO 10545 - 13	Household cleaning products: Min UB Acids & Alkalis - low concentrations Acids & Alkalis - high concentrations Swimming pool additives: Min UB	Class UA - no visible effect Class UA - no visible effect Class ULA - no visible effect Class UHA - no visible effect
	Impact Resistance. Coefficient Restitution	ISO 10545 - 5	Not Required	Pass. No damage after tests Coefficient: 0.686
	Linear Thermal Expansion	ISO 10545 - 8	$10 \times 10^{-6} \text{ } ^\circ\text{C}$	$< 4 \times 10^{-6} \text{ } ^\circ\text{C}$
	Modulus of Rupture	ISO 10545 - 4	Mean Value $> 20 \text{ N/mm}^2$	Mean Value $> 27 \text{ N/mm}^2$
	Resistance to Thermal Shock	ISO 10545 - 9	Not Required	Pass. No damage after tests
	Resistance to Surface Abrasion (Mohs scale)	UNE 67 101/85	≥ 6	8

