

KLINKER RANGE

FLOOR & PAVING TILE

TECHNICAL SPECIFICATIONS

(range average)

Specification Property	Standard for Test Method	Standard for Specifications ISO 13006:1998(E) Group AII _a Part 1 Precision	Norco Results
Deviation in Length and Width	ISO 10545-2	±1% (max)	Pass
Deviation in Thickness	ISO 10545-2	±10% (max)	Pass
Straightness of Sides	ISO 10545-2	±0.5% (max)	Pass
Rectangularity	ISO 10545-2	±1% (max)	Pass
Surface Flatness - Curvature	ISO 10545-2	±0.5% (max)	Pass
Surface Flatness - Warpage	ISO 10545-2	±0.8% (max)	Pass
Surface Quality	ISO 10545-2	95% conform (min)	Pass
Water Absorption	ISO 10545-3	≤3%	Pass
Modulus of Rupture	ISO 10545-4	23 N/mm ² (min)	Pass
Breaking Strength	ISO 10545-4	1,100 N (min)	Pass
Resistance to Deep Abrasion	ISO 10545-6	275 mm ³ (max)	Pass
Linear Thermal Expansion	ISO 10545-8	10 x 10 ⁻⁶ (max)	Pass
Resistance to Thermal Shock	ISO 10545-9	10 cycles - no visible effect	Pass
Frost Resistance	ISO 10545-12	100 cycles - no damage	Pass
Chemical Resistance	ISO 10545-13	17 day immersion - no visible effect	Pass
Slip Resistance	SS 485-2001	R11	Pass
Resistance to Salt Attack	AS1226.10	40 cycles - <0.4g loss	Pass
Resistance to Acid	SS301	<3% weight loss	Pass
Scratch Hardness	BS 6431 Part 13	7 MOHs (min)	Pass