

**QUARRY TILE RANGE**  
FLOOR & PAVING TILE

**TECHNICAL SPECIFICATIONS**  
(range average)

<b>Specification Property</b>	<b>Standard for Test Method</b>	<b>International Standard for Specifications ISO 13006:1998(E) Group AII<sub>a</sub> Part 1 Precision</b>	<b>Norco Results</b>
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	≤6%	Pass
Modulus of Rupture	ISO 10545-4	20 N/mm <sup>2</sup> (min)	Pass
Breaking Strength	ISO 10545-4	950 N (min)	Pass
Resistance to Deep Abrasion	ISO 10545-6	393 mm <sup>3</sup> (max)	Pass
Linear Thermal Expansion	ISO 10545-8	10 x 10 <sup>-6</sup> (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
Scratch Hardness - MOHs	BS 6431 Part 13	6 MOHs (min)	Pass