PREMIER
PAVING & TILES

Technical Data Sheet

Premier Paving & Tiles

Technical Specification

Standard Dimension: **600x900mm**
Thickness: **20mm**
Product Type: **Outdoor Tile (Heavy Duty)**
Nature of Surface: **Full body R11**
Ref. Standard: **International Standard ISO 13006:2015**

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS	GRANOLAND SPECIFICATION FOR PRODUCTION
LENGH	BS EN ISO 10545-2	±0.60%	±0.07% (±0.4MM)
WIDTH	BS EN ISO 10545-2	±0.60%	±0.07%(±0.6MM)
THICKNESS	BS EN ISO 10545-2	±5%	±4.0%(0.8MM)
STRAIGHTNESS OF SIDES	BS EN ISO 10545-2	±0.5%	±0.06%(±0.4MM)
RECTANGULARITY	BS EN ISO 10545-2	±0.5%	±0.12%
SURFACE FLATNESS :CENTARE CURVATURE	BS EN ISO 10545-2	±0.5%	±0.15%(+1.0MM) ±0.07%(-0.5 MM)
SURFACE FLATNESS :EDGE CURVATURE	BS EN ISO 10545-2	±0.5%	+0.17% (+1.0MM) +0.08%(+0.5MM)
SURFACE FLATNESS :WARPAGE	BS EN ISO 10545-2	±0.5%	-0.15%(1.0MM) -0.07%(-0.5 MM)
WATER ABSORPTION	BS EN ISO 10545-3	E ≤ 0.5%	E ≤ 0.1%
BREAKING STRENGTH	BS EN ISO 10545-4	≥ 1300 N	≥ 4500 N
MODULUS OF RUPTURE	BS EN ISO 10545-4	≥ 35 N/MM²	≥ 35 N/MM²
RESISTANCE OF SURFACE ABRASION	BS EN ISO 10545-7	MANUFACTURE TO STATE ABRASION CLASS	PEI CLASS -V
COEFFICIENT OF LINER THERMAL EXPANSION	BS EN ISO 10545-8	$9 \times 10^{-6} K^{-1}$ MAX	≤ $4 \times 10^{-6} K^{-1}$ MAX
RESISTANCE THERMAL SHOCK	BS EN ISO 10545-9	MINI 10 CYCLES	10 CYCLES
CRAZING RESISTANCE	BS EN ISO 10545-11	MINI 4 CYCLES AT (750 ±20)Kpa BAR	4 CYCLES PASS
RESISTANCE TO HOUSE HOLD CHEMICALS & SWIMMING POOL SLATS	BS EN ISO 10545-13	MINIMUM CLASS GC	CLASS GA
RESISTANCE TO LOW CONCENTRATIONS ACIDS & ALKALIS	BS EN ISO 10545-13	MINIMUM CLASS GLC	CLASS GLA
RESISTANCE TO STAINS	BS EN ISO 10545-14	MINIMUM CLASS 3	CLASS 4