









# PENNSLATE MATTE

QUALITY CHARACTERISTICS	NORM	STANDARDS	RESULT
 <b>Water absorption of the body</b>	ISO 10545-3	≤ 0.5%	0.6%
 <b>Breaking strength</b>	ISO 10545-4	≥ 35 N/mm <sup>2</sup> ≥ 1300 N ≥ 700 N	32 Sp. Th, Ep, Dk ≥ 7.5mm Sp. Th, Ep, Dk, < 7.5mm
 <b>Abrasion resistance</b>	ISO 10545-7		PEI IV
 <b>Frost resistance</b>	ISO 10545-12		Resistant
 <b>Chemical resistance</b>	ISO 10545-13		Min Class B
 <b>Thermal shock resistance</b>	ISO 10545-5		0.84
 <b>Dynamic coefficient of friction</b>	BOT 3000E	ANSI DCOF A 137.1-2012	0.60
 <b>Shade Variation</b>	See Below		V4



V1

Uniform appearance



V2

Slight Variation



V3

Moderate Variation



V4

Substantial Variation

*For the best product laying results, material from at least three boxes should be mixed.*

*Test values are based on ANSI/ISO standards according to: ANSI A137.1-Porcelain Tile P1 CLASS, ISO 13006-G-BIA Group, EN14411-G-BIA Group. Variances in test values can occur in different production lots.*



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