

# PENNSLATE MATTE

| QUALITY CHARACTERISTICS                                                                                                   | NORM            | STANDARDS                                     | RESULT                                                  |
|---------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------|---------------------------------------------------------|
|  <b>Water absorption of the body</b>     | ISO<br>10545-3  | ≤ 0.5%                                        | 0.6%                                                    |
|  <b>Breaking strength</b>                | ISO<br>10545-4  | ≥ 35 N/mm <sup>2</sup><br>≥ 1300 N<br>≥ 700 N | 32<br>Sp, Th, Ep, Dk ≥ 7.5mm<br>Sp, Th, Ep, Dk, < 7.5mm |
|  <b>Abrasion resistance</b>              | ISO<br>10545-7  |                                               | PEI IV                                                  |
|  <b>Frost resistance</b>                 | ISO<br>10545-12 |                                               | Resistant                                               |
|  <b>Chemical resistance</b>              | ISO<br>10545-13 |                                               | Min Class B                                             |
|  <b>Thermal shock resistance</b>         | ISO<br>10545-5  |                                               | 0.84                                                    |
|  <b>Dynamic coefficient of friction</b> | BOT<br>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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