

## ABY PRESSED PORCELAIN

### Technical Specifications

Test	Standard Requirements	Test Results
<b>Water Absorption</b> UNI EN ISO 10545-03	Bla (GL) <=0.5%	MATTE: <0.5% (0.25%, BIa) GLOSSY: 2.50% (BIb)
<b>Breaking Strength</b> UNI EN ISO 10545-04	Minimum: 1300 N	MATTE: 1500 N GLOSSY: 1400 N
<b>Modulus of Rupture</b> UNI EN ISO 10545-04	Minimum: 35 N/mm <sup>2</sup>	MATTE: 42 N/mm <sup>2</sup> GLOSSY: 39 N/mm <sup>2</sup>
<b>Shock Resistance</b> UNI EN ISO 10545-05	Suggested Minimum: E>0.55	Resists
<b>Resistance to Deep Abrasion</b> UNI EN ISO 10545-06	Maximum: 175 mm <sup>3</sup>	Not applicable
<b>Linear Thermal Expansion</b> UNI EN ISO 10545-08	As Reported	MATTE: 6.2 x 10 <sup>-6</sup> °C <sup>-1</sup> GLOSSY: 6 x 10 <sup>-6</sup> °C <sup>-1</sup>
<b>Thermal Shock Resistance</b> UNI EN ISO 10545-09	Required	Resists
<b>Moisture Expansion</b> UNI EN ISO 10545-10	As Reported	N/A
<b>Frost Resistance</b> UNI EN ISO 10545-12	Required	Resists
<b>Chemical Resistance</b> UNI EN ISO 10545-13	Domestic Chemical Products: GB / Acids and Alkalis: As reported	MATTE: A - LA - HA GLOSSY: Not declared
<b>Stain Resistance</b> UNI EN ISO 10545-14	Minimum: Class 3	MATTE: 5 GLOSSY: Not declared
<b>PEI Rating (Scratch Resistance)</b> ASTM C 1027	As Reported	MATTE: PEI 4 GLOSSY: PEI 3
<b>Dynamic Coefficient of Friction (DCOF)</b> ANSI A137.1	For Level Interior Spaces Expected to be walked upon when wet >0.42	Applies to matte finish only: ≥0.42
<b>Shade Variation</b>	-	MATTE: V3 GLOSSY: N/A
<b>Thickness</b>	-	12x24 - 8 mm
<b>Number of Screens</b>	-	MATTE: 30 GLOSSY: 23