

TECHNICAL PROPERTY / PARAMETER	VALUE / SPECIFICATION	UNIT / TEST METHOD / REMARKS
GENERAL INFORMATION		
Material Category	Sandstone Flooring	Natural Stone Collection
Surface Finish	Antique	Surface Treatment Type
DIMENSIONS & WEIGHT		
Weight per Square Meter	50 kg/m ² (20mm)	kg/m ² (thickness in mm)
Weight per Square Foot	10 lbs/ft ² (3/4")	lbs/ft ² (thickness in inches)
Thickness Tolerance	+2mm	mm
Dimension Tolerance	+3mm	mm
MECHANICAL & PHYSICAL STRENGTH		
Slip Resistance (Unsealed)	47-62 Mean BPN/SRV (P4-P5)	Mean BPN/SRV / Classification (AS 4586)
Modulus of Rupture (MoR)	17 MPa / 32 MPa (Dried) 10.8 MPa / 7.7 MPa (Soaked)	MPa (Soaked / Dried)
Flexural Strength	54.2 MPa / 48.9 MPa (Dried) 59.0 MPa (Soaked)	MPa (Dried / Soaked)
Bulk Specific Gravity	2451 - 2463 kg/m ³	kg/m ³
Water Absorption (Mean)	2.7% - 3.00% by Weight / 7.50% by Volume	% Mean by Weight / Volume
DURABILITY & WEATHERING EXPOSURE		
Salt Resistance - Unsealed	2.8% (B Grade) / 5.1% (B Grade)	% Mean weight loss (AS/NZS 4456.10)
Salt Resistance - Sealed	0.1% (AA Grade) / 0.2% (A Grade)	% Weight loss (Defender CSD50 / SolvSealer Gold)
Weathering / Exposure (Soak/Freeze/Thaw)	Cracking: 10/8 Erosion: 10/10 General Appearance: 10/8	ASTM D5722 (Cracking, Erosion, Appearance)
Crystalline Silica Content	14% - 8%	% SiO ₂ Content in Rock
OPTICAL & THERMAL PROPERTIES		
Solar Reflectance Index (SRI)	Solar Reflectance: 54 - 57 / SRI: 11 / Reflectance: 0.11 / Emittance: 0.89	Solar Reflectance / SRI / Emittance
Light Reflectance Value (LRV)	N/A	% Dry / Wet

TESMAR STONE — CONTACT & HEADQUARTERS INFORMATION

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