

TECHNICAL PROPERTY / PARAMETER	VALUE / SPECIFICATION	UNIT / TEST METHOD / REMARKS
GENERAL INFORMATION		
Material Category	Limestone Flooring	Natural Stone Collection
Surface Finish	Sandblasted & Brushed	Surface Treatment Type
DIMENSIONS & WEIGHT		
Weight per Square Meter	55 kg/m ² (20mm)	kg/m ² (thickness in mm)
Weight per Square Foot	11 lbs/ft ² (3/4")	lbs/ft ² (thickness in inches)
Thickness Tolerance	±2mm	mm
Dimension Tolerance	±2mm	mm
MECHANICAL & PHYSICAL STRENGTH		
Slip Resistance (Unsealed)	46 Mean BPN/SRV (P3)	Mean BPN/SRV / Classification (AS 4586)
Modulus of Rupture (MoR)	12.7 MPa (Dried) / 8.2 MPa (Soaked)	MPa (Soaked / Dried)
Flexural Strength	26.3 MPa (Dried) / 26.0 MPa (Soaked)	MPa (Dried / Soaked)
Bulk Specific Gravity	2811 kg/m ³	kg/m ³
Water Absorption (Mean)	2.20% by Weight / 5.00% by Volume	% Mean by Weight / Volume
DURABILITY & WEATHERING EXPOSURE		
Salt Resistance - Unsealed	1.5% (B Grade)	% Mean weight loss (AS/NZS 4456.10)
Salt Resistance - Sealed	N/A	% Weight loss (Defender CSD50 / SolvSealer Gold)
Weathering / Exposure (Soak/Freeze/Thaw)	10 Cracking / 10 Erosion / 10 General Appearance	ASTM D5722 (Cracking, Erosion, Appearance)
Crystalline Silica Content	2%	% SiO ₂ Content in Rock
OPTICAL & THERMAL PROPERTIES		
Solar Reflectance Index (SRI)	Solar Reflectance: 50.37 / SRI: 48 / Reflectance: 0.13 / Emittance: 0.87	Solar Reflectance / SRI / Emittance
Light Reflectance Value (LRV)	50.22% Dry / 35.81% Wet	% Dry / Wet

TESMAR STONE — CONTACT & HEADQUARTERS INFORMATION

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