

Technical Specifications

Physical Properties	ASTM Test	Industry Standards	StonePeak Dolce Italia
Water Absorption	C373	Impervious < 0.5%	≤ 0.1%
Thickness Dimension	C499	Range ±0.02 Inc. Max	≤ ±0.02 Inc.
Facial Dimension	C499	No requirement	≤ ±0.25%
Warpage Edge & Diagonal Average	C502	No requirement	≤ ±0.40%
Breaking Strength	C648	≥ 175 lbf	≥ 200 lbf
Hardness (Mohs)	Scratch Test (Not regulated)	Range 0-10	≥ 7
Deep Abrasion Resistance	C1243	Impervious (Porcelain) Class P1: ≤175 mm	≤ 70 mm ³ Extreme Resistance
Standard Test for Lead & Cadmium Extracted	C895-87	<0.005 mg/L Cadmium <0.02 mg/L Lead	Full compliancy No evidence
Thermal Shock Resistance	C484	No samples must show alterations to surface	No Evidence of Damage
Chemical Resistance	C650	No Requirement Range E- A	Class A
Stain Resistance	C1378	No Requirement Range E- A	Class A ⁺
DCOF Acutest	BOT 3000	No requirement	≥ 0.42 ⁺
Aesthetic Class/Shade Rating	Visual Evaluation Shade & Texture	No Requirement Range V0-V4	V1-v3
Light Reflectance Value (L.R.V.)	C609	No Requirement Range 0-100	10 to 80 Depending on style/color

