



White Calacatta – Technical Data Sheet

Stone Type: Natural Marble

Origin: Italy (Carrara region, and Apuan Alps region)

Finishes Available

Polsihed (most common; enhances contrast and veining)

Honed (softens veining, less glossy)

Tumbled

Brushed

Leathered (for textured, matte surface)

Recommended Uses

High-end Interior flooring

Luxury wall cladding

Bathroom vanities

Kitchen countertop (with proper sealing)

Fireplace surrounds

Designer Furniture surfaces

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White Calacatta

Physical & Mechanical Properties

Color: Bright White background with bold, dramatic veining in shades of gray, gold, or taupe

Petrography: High-grade metamorphic calcitic marble

Water Absorption (by weight): ~ 0.18%

Apparent Density: ~2,700 kg/m³

Open Porosity: ~ 0.4%

Compressive Strength: ~ 120 MPa

Flexural Strength: ~ 14-15 MPa

Abrasion Resistance: ~ 2.0 mm

Mohs Hardness: 3-4

Thermal Expansion Coefficient: ~6.1 × 10⁻⁶ /°C

Frost Resistance: Medium (suitable for some exterior use with proper sealing)

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