



Sierra Elvira - Technical Data Sheet

Stone Type: Natural Marble

Origin: Spain (extracted mainly from the Sierra Elvira area in the province of Granada, Andalusia)

Finishes Available

Polsihed (classic choice for interiors)

Honed

Bush-hammered

Brushed

Aged

Recommended Uses

Interior flooring

Wall cladding (interior and exterior)

Staircases

Fireplace surrounds

Columns and architerctural elements

Urban paving and restoration projects

Exterior cladding and landscaping (when properly treated)

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Sierra Elvira

Physical & Mechanical Properties

Color: Dark gray to greenish-gray background with White or light gray fossil inclusions and cloudy veining

Petrography: Fossiliferous dolomitic limestone (metamorphosed)

Water Absorption (by weight): ~ 0.30%

Apparent Density: ~2,730 kg/m³

Open Porosity: ~ 0.7%

Compressive Strength: ~ 120 MPa

Flexural Strength: ~ 13 MPa

Abrasion Resistance: ~ 2.4 mm

Mohs Hardness: 3-4

Thermal Expansion Coefficient: ~6.2 × 10⁻⁶ /°C

Frost Resistance: Medium(can be used outdords in milder climates with proper sealing))

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