



Honey Onyx – Technical Data Sheet

Stone Type: Natural Onyx (translucent calcite stone)

Origin: Commonly quaried in Iran, Turkey, Mexico and Pakistan

Finishes Available

Polsihed (standard, maximizes color and translucency)

Honed (soft matte look)

Resin-filled (stabilization for slabs)

Backlit (for decorative effect)

Recommended Uses

Interior wall cladding

Backlit decorative panels

Bathroom vanities

Fireplace surrounds

Luxury furniture inlays

Low traffic countertops and table surfaces

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Physical & Mechanical Properties

Color: Warm Golden to amber tones, with honey-like translucency, often streaked with white, cream, or light Brown veining

Petrography: Banded cryptocrystalline calcitic onyx

Water Absorption (by weight): ~ 0.35%

Apparent Density: ~2,680 kg/m³

Open Porosity: ~ 0.8%

Compressive Strength: ~ 80-90 MPa

Flexural Strength: ~ 8 MPa

Abrasion Resistance: ~ 2.6 mm

Mohs Hardness: 3

Thermal Expansion Coefficient: ~ 6.1×10^{-6} /°C

Frost Resistance: Low (not recommended for exterior use)

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