

# Pink Onyx – Technical Data Sheet

**Stone Type:** Natural Onyx (translucent, calcite-based ornamental stone)

**Origin:** Primarily from Iran, Turkey, and Pakistan

## Finishes Available

Polsihed (most common to enhance depth and color)

Honed (softer, matte surface)

Resin-filled (for structural reinforcement)

Frequently used in backlit designs

## Recommended Uses

Interior wall cladding

Accent pieces and furniture inlays

Decorative bathroom vanities

Backlit bars and panels

Fireplace surrounds

Low-traffic countertops and artistic installations





## **Physical & Mechanical Properties**

**Color:** Soft pink to rose tones, often layered or veined with White, ivory, or honey colored patterns;  
naturally translucent and elegant

**Petrography:** Banded cryptocrystalline calcitic onyx

**Water Absorption (by weight):** ~ 0.35%

**Apparent Density:** ~2,680 kg/m<sup>3</sup>

**Open Porosity:** ~ 0.8%

**Compressive Strength:** ~ 85 MPa

**Flexural Strength:** ~ 8 MPa

**Abrasion Resistance:** ~ 2.5-2.6 mm

**Mohs Hardness:** 3

**Thermal Expansion Coefficient:** ~  $6.0 \times 10^{-6}$  /°C

**Frost Resistance:** Low (not suitable for outdoor or freeze-thaw areas)

