



White Onyx – Technical Data Sheet

Stone Type: Natural Onyx (translucent calcite stone)

Origin: Commonly sourced from Pakistan, Iran, India, and Afganistan

Finishes Available

PPolsihed (intensifies its brightness and translucency)

Honed (subtle, matte finish)

Resin-treated (to improve durability)

Backlit (ideal for feature walls and decorative panels)

Recommended Uses

Decorative interior wall cladding

Backlit feature panels

Bathroom vanities

Fireplace surrounds

Luxury furniture inlays

Countertops (low-traffic areas only)

www.naturalstonespain.com



White Onyx

Physical & Mechanical Properties

Color: Pure white to milky White base, sometimes with light beige, ivory, or gray veining; highly translucent and luminous

Petrography: Fine-grained, banded calcitic onyx (cryptocrystalline structure)

Water Absorption (by weight): ~ 0.34%

Apparent Density: ~2,680 kg/m³

Open Porosity: ~ 0.8%

Compressive Strength: ~ 85 MPa

Flexural Strength: ~ 8-9 MPa

Abrasion Resistance: ~ 2.5 mm

Mohs Hardness: 3

Thermal Expansion Coefficient: ~ 6.0×10^{-6} /°C

Frost Resistance: Low (not recommended for freeze-thaw cycles)

www.naturalstonespain.com