

# Eterno Quartz

## Technical Specifications, Care & Maintenance, Warranty



### Technical Specifications

Here's a comprehensive overview of Eterno Quartz's technical specifications. Eterno Quartz is made with natural quartz and high-grade polyester resins and is engineered for lasting beauty and performance.

- Natural Quartz Content:  $\geq 88-92\%$  by weight
- Binder System: High-grade polyester resins
- Additives: Pigments and performance stabilizers
- Density:  $2.30 \pm 0.10 \text{ g/cm}^3$  (ASTM C97 / EN 14617-1)
- Water Absorption:  $\leq 0.05\%$  (ASTM C97 / EN 14617-1)
- Mohs Hardness:  $\geq 6.0$  (Mohs Scale)
- Flexural Strength:  $\geq 35 \text{ MPa}$  ( $\approx 5,000 \text{ psi}$ ) (ASTM C880 / EN 14617-2)
- Compressive Strength:  $\geq 200 \text{ MPa}$  (ASTM C170 / EN 14617-15)
- Abrasion Resistance:  $\leq 100 \text{ mm}^3$  (ASTM C241 / EN 14617-4)
- Bond Strength:  $\geq 200 \text{ psi}$  (ASTM C482)
- Thermal Shock Resistance: Pass 10+ cycles (ASTM C484 / EN 14617-6)
- Coefficient of Thermal Expansion:  $\leq 4 \times 10^{-5} / ^\circ\text{C}$
- Freeze-Thaw Resistance: No visible damage (ASTM C1026 / EN 14617-5)
- Fire Classification: Class A (ASTM E84 / EN 13501-1)
- Stain Resistance: Pass (no permanent staining) (ANSI Z124.6 / ASTM C650)
- Chemical Resistance: Class C4 or better (EN 14617-10)
- Porosity: Non-porous surface
- Standard Slab Thickness: 18 mm
- Surface Finishes: Polished (standard), Honed / Matte (optional)
- Dimensional Tolerance:  $\pm 1.0 \text{ mm}$

### Care & Maintenance

Eterno Quartz is designed for simple care and maintenance, ensuring long-lasting beauty. Follow these easy guidelines to keep your surfaces looking their best:

- Clean with mild soap and water
- No sealing required
- Use cutting boards for sharp objects
- Avoid placing hot cookware directly on surface
- Strictly avoid Harsh chemicals (acids, thinners, etc)

### Warranty & Quality Assurance

Eterno Quartz is backed by a comprehensive warranty and quality assurance program, ensuring your peace of mind.

- Warranty: 5 Years (Residential Use Only)
- Coverage: Manufacturing defects covered
- Color Consistency: Within industry-accepted tolerances

In summary, Eterno Quartz combines exceptional technical specifications with easy maintenance and robust warranty coverage, making it an ideal choice for a variety of applications.

Email: [sales@eternoquartz.in](mailto:sales@eternoquartz.in) Call: +91 80882 20008