

ASTM TEST RESULTS

Certified Performance Data

EUROSTONE QUARTZ

Premium Surfaces

Compressive Strength

- Test Method: ASTM C170
- Result: 226.5 MPa (32,850 psi)
- Industry Standard: 200 MPa minimum
- Performance: Exceeds standard by 13%

Flexural Strength

- Test Method: ASTM C880
- Result: 58.6 MPa (8,500 psi)
- Industry Standard: 50 MPa minimum
- Performance: Exceeds standard by 17%

Water Absorption

- Test Method: ASTM C97
- Result: 0.02%
- Industry Standard: < 0.5%
- Classification: Non-porous material

Chemical Resistance

- Test Method: ASTM C650
- Result: No visible effect from common household chemicals
- Tested against: Vinegar, wine, coffee, citrus, oils
- Performance: Excellent stain resistance

Abrasion Resistance

- Test Method: ASTM C1243
- Result: Ha rating (highest)
- Performance: Superior wear resistance
- Applications: Suitable for heavy traffic commercial use