



PROSPEC COLLECTION

Mauna Kea

Engineered marble produced with marble, and polyester resin.

Applications

Floors | Facades | Wall Cladding | Countertops

Composition

Marble | Polyester Resin

Available Finishes

Honed | Polished | Aged | Satin*

Bush-Hammered* | Sandy*

*0.79" thickness and up

| Formats | Sizes | Thickness |
|---------|------------------------------|--------------|
| Tile | 11.8" x 11.8" (300 x 300mm) | 0.47" (12mm) |
| | 11.8" x 23.6" (300 x 600mm) | 0.79" (20mm) |
| | 23.6" x 23.6" (600 x 600mm) | |
| | 23.6" x 47.2" (600 x 1200mm) | |
| | 35.4" x 47.2" (900 x 1200mm) | |
| | 23.6" x 70.9" (600 x 1800mm) | |
| Slab | 72" x 48.5" (1830 x 1230mm) | 0.47" (12mm) |
| | | 0.79" (20mm) |
| | | 1.18" (30mm) |

Minimum project quantities are required.

Please note that due to variances in quarried materials, final terrazzo color may differ slightly from this sample

2701 E. State Highway 121, Bldg. 5, Suite 550,
Lewisville, TX 75056

469.317.7314

www.DynamicTerrazzo.com



PROSPEC COLLECTION

Mauna Kea

| Finishes | Polished | Honed | Aged | Satin | Bush-Hammered | Sandy |
|---|-----------|-----------|-----------|-----------|---------------|-----------|
| Interior | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Exterior | X | ✓ | X | ✓ | ✓ | ✓ |
| Slip Resistance (Dry Wet) PTV EN 14231 | ≤75 ≤10 | ≤67 ≤20 | ≤67 ≤15 | ≤70 ≤44 | ≤91 ≤81 | ≤64 ≤60 |

| Technical Characteristics | Standard | Value | Class |
|--------------------------------------|-------------|--|--|
| Density | EN 14617-1 | 2515 - 2520 kg/m ³ | - |
| Water Absorption | EN 14617-1 | 0.02 - 0.03% | W2 ⁽¹⁾ |
| Flexural Strength | EN 14617-2 | 28.7 - 30.7 MPa | F1/F2 ⁽²⁾ |
| Abrasion Resistance | EN 14617-4 | ≤33mm | A2 ⁽³⁾ |
| Mohs Hardness | EN 101 | 3-4 Mohs | - |
| Impact Resistance | EN14617-9 | 1.7 J (12mm) 2.4 J (20mm) 5.6 J (30mm) | - |
| Chemical Resistance | EN 14617-10 | Acid < 60% alkali > 80% | C1 ⁽⁴⁾ C4 ⁽⁴⁾ |
| Reaction to Fire | EN 13501-1 | - | A2 _{FL} - S1 - d0 |
| Freeze / Thaw Resistance | EN 14617-5 | No visible defects KM _{f25} + 0.87 | - |
| Thermal Shock Resistance | EN 14617-6 | No visible defects | - |
| Thermal Conductivity | EN 12664 | 2.175 W/m.K | - |
| Linear Thermal Expansion Coefficient | EN 14617-11 | 12.0 - 18.7 x 10 ⁻⁶ °C | - |
| Compressive Strength | EN 14617-15 | 120 - 150 MPa | - |