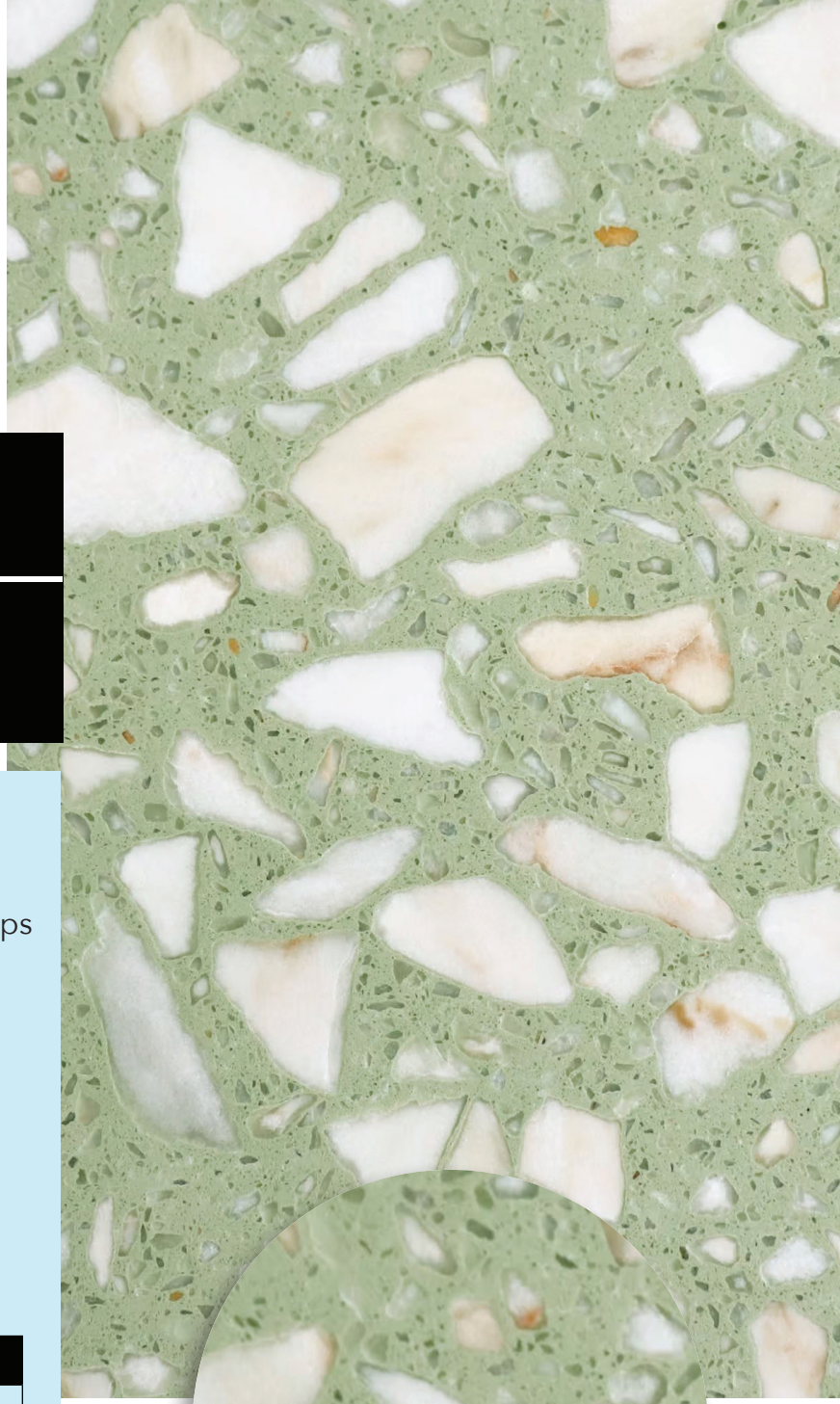
DYNAMIC TERRAZZO
ENVIRONMENTS

# PROSPEC COLLECTION



## Cascade Range

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)<br>23.6" x 11.8" (600 x 300mm)<br>23.6" x 23.6" (600 x 600mm) | 0.47" (12mm)<br>0.79" (20mm) |
| Slab | 72" x 48.5" (1830 x 1230mm) | 0.47" (12mm)<br>0.79" (20mm)<br>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

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# Cascade Range

| 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 | 2455 - 2490 kg/m$^3$ | - |
| Water Absorption | EN 14617-1 | 0.51 - 0.70% | W2(1) |
| Flexural Strength | EN 14617-2 | 10.7 - 17.8 MPa | F1/F2(2) |
| Abrasion Resistance | EN 14617-4 | ≤34.8mm | A2(3) |
| Mohs Hardness | EN 101 | 3-4 Mohs | - |
| Impact Resistance | EN14617-9 | 1.6 J (12mm)<br>2.9 J (20mm)<br>4.6 J (30mm) | - |
| Chemical Resistance | EN 14617-10 | Acid < 60%<br>alcali > 80% | C1(4)<br>C4(4) |
| Reaction to Fire | EN 13501-1 | - | $A2_{FL}$ - S1 - d0 |
| Freeze / Thaw Resistance | EN 14617-5 | No visible defects<br>$KM_{f25}$ + 0.87 | - |
| Thermal Shock Resistance | EN 14617-6 | No visible defects | - |
| Thermal Conductivity | EN 12664 | 2.069 W/m.K | - |
| Linear Thermal Expansion Coefficient | EN 14617-11 | 9.7 - 12.0 x $10^{-6}$°C | - |
| Compressive Strength | EN 14617-15 | 100 - 120 MPa | - |