



PIXA™ - Light Filtering Concrete

Type: Terrazzo Slabs and Dimensional Slabs

Material Composition: Micro-Concrete and Resin, Wood (optional)

Applications: Commonly used for feature walls, screening, signage, and horizontal and vertical surfacing

Patterns: Random, Grid, Binary, Sequence, Large Prism

Terminal Shapes: Square - 1/8", 3/16", 1/4"; Rectangular - 1/8" x 1/4", 3/16" x 3/8"

Terminal Projection: Terminals may be flush with the face or project up to 1/2" off the surface

Material Thickness: 7/8" to 1-1/4", Custom thicknesses may be available

Material Colors: Over 50 colors available both with and without aggregate, wood available in an assortment of varieties

Surface Finish: Polished, Sandblasted, Honed, Factory Finish

Edge Options: Factory, Polished, Eased, Drop-down, Mitered, Half Bullnose, Full Bullnose, Chamfer

Sizes: Slabs - 4' x 8' standard maximum
Larger sizes may be available.

Low Emitting Materials (EQ 4.1, LEED V4, CDPH Spec. 01350 V1.1)

Illumination:

Light-conducting channels in PIXA™ create a unique, light filtering screen. Now available as dimensional slabs and panels which are punctuated with light pillars that pierce terrazzo, wood, and resin substrates. A secondary "floating" surface comes to life with dynamic visual output created by light, shadow, movement, and colors.

PIXA™ preforms well with ambient light, spotlights, and backlights - making it very versatile. PIXA can also be coupled with a kit of individually controlled LEDs to create words or images, effectively functioning as a concrete display screen. In addition to still images, PIXA™ can also be used to display video. Don't hesitate to reach out to us for help with determining which lighting system best fits your needs.

Options and services:

- Non-standard thickness
- Curved panels with concave or convex radius
- Custom colors and color matching
- Mounting hardware, including integrated z-clips and anchors
- Custom patterns
- Edge polishing
- Edge profiling
- Custom 2-D shapes
- Inlays
- 3D shapes and forms
- Finishing for exterior environments

Technical Specifications for PIXA™

| Material Thickness | Weight |
|--------------------|-----------------|
| 7/8" | 10-1/2 lbs/sqft |
| 1" | 12 lbs/sqft |
| 1-1/4" | 15 lbs/sqft |

| | | |
|---|------------|---------------|
| Tensile Strength | ASTM D638 | 1,200 psi |
| Compressive Strength | ASTM D695 | 4,800 psi |
| Maximum recommended service temperature | | 180 °F |
| Flame Spread Index | ASTM E84 | 0 |
| Flammability rating | UL 94 | not flammable |
| ICC Building code classification | | A |
| Water Absorption | ASTM C97 | 2.28% |
| Freeze-Thaw Cycle Resistance | ASTM C1026 | high |

