Context™ Resin

Product Description:
Sensitile® newest product line, Context, conceals and reveals words and forms within seemingly random lines. With the smallest shift of perspective or light the user is taken unaware by their sudden, magical unveiling - otherwise cleverly camouflaged in a delicate pattern maze - only to recede back to imperceptibility with a further shift of light or viewing angle. Also available in glass.

Applications:
Horizontal surfacing (counter-tops, table tops, bar-tops); Vertical surfacing (wall cladding, back-splash screens and partitions); Fixtures - POP displays, Counter face; Signage.

Sizes:
4'x8', 4'x10', 5'x8', 5'x10';

Colors and mirrors are only available in 4' x 8'
All Clear configuration available in all sizes
Size Tolerance: Opaque colors (-) 3/8"/(+) 1/16";
4' x 8' panels in frosted finish (-) 3/8"/(+) 1/16"
5'x10' panels are only available in tolerance of (-) 1/2"/(+) 1/16"

Material Thickness (inches):
3/8, 1/2 (standard), 5/8 (bold), 3/4, 1, 1.1/4*
*Values listed assumes cladding thickness of 1/8". Others would change overall thickness and have size and application limits.

Cladding Thickness (inches):
1/8 Standard 1/16, 3/16, 1/4, 3/8, 1/2**
**Non-standard cladding thicknesses are custom and affect lead time and price. Additionally, overall size and application limitations may apply

Core Thickness (inches):
1/8, 1/4 (standard), 3/8 (bold), 1/2, 3/4, 1.1/4***
***Other core thicknesses are custom and affect lead time and price.

Material Property:
Light-Filtering

Material Composition:
Cladding PMMA (acrylic resin)
Core PMMA (acrylic resin)

Colors:
Transparent Colors for Face and Back; Mirror and Opaque colors for the Back; Color and Iridescent Interlayers alone or in combination yield a vast spectrum of colors to select.

Patterns:
Fully Customizable - simple to complex

Illumination:
Face wash, back lighting and edge lighting each achieves a unique aesthetic, though ambient light also suffices for a minimalistic design.

Options:
- Custom Colors & Color Matching – Available.
- Surface Finishes – Only available in Clear. Surface or internal frosted finishes only in 1/8" thickness; Non-glares only in 4x10".
- Interlayers – Fabric (varying widths); Wood Veneer and Film (maximum panel width of 48”).
- Hardware Solutions – Stand-off, Channel/Clamp; Suspension; Z-clip; Hinge, Concealed Anchors.
- Lighting Solutions – Ambient lights with a direct face wash is sufficient to achieve optimal effects. For specialized lighting effects, Sensitile can provide LED kits.

Custom Services:
- Curves & 2D Shapes – Custom Curvatures, Shaped, Cut, Stamped, and Mounted Elements.
- 3D Shapes – Objects, including Cubes, Lamp Shades, Sconces, Desks, etc. Custom using customer-provided design files.
- Etching – Using customer-provided design files.

Technical Specifications:
- Impact Resistance – TTest: ANSI Z97.1-2015; CPSC 16 CFR 1201 Result: 0.4 ft lb/in of notch
- VOC Emissions – Test: CAL 1350 Result: Zero VOC emissions
- Flammability Test – Test: ASTM E-4
  Rating: Class C
  Test: Vertical Vertical 12-second Burn
  Rating: Pass (Polycarbonate Cladding)
## Context™ Resin

### Imperial Measurements:

<table>
<thead>
<tr>
<th>Total Thickness (in)</th>
<th>Pounds per Sqft</th>
<th>4’x8’ Panel</th>
<th>4’x10’ &amp; 5’x8’ Panel</th>
<th>5’x10’ Panel</th>
<th>Recycled Core &amp; Glass % by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>1.75</td>
<td>56</td>
<td>70</td>
<td>87.5</td>
<td>85.71%</td>
</tr>
<tr>
<td>5/16”</td>
<td>2</td>
<td>64</td>
<td>80</td>
<td>100</td>
<td>87.50%</td>
</tr>
<tr>
<td>3/8”</td>
<td>2.5</td>
<td>80</td>
<td>100</td>
<td>125</td>
<td>90.00%</td>
</tr>
<tr>
<td>1/2”</td>
<td>3.25</td>
<td>104</td>
<td>130</td>
<td>162.5</td>
<td>92.31%</td>
</tr>
<tr>
<td>5/8”</td>
<td>4</td>
<td>128</td>
<td>160</td>
<td>200</td>
<td>93.75%</td>
</tr>
<tr>
<td>3/4”</td>
<td>5</td>
<td>160</td>
<td>200</td>
<td>250</td>
<td>95.00%</td>
</tr>
<tr>
<td>1”</td>
<td>6.5</td>
<td>208</td>
<td>260</td>
<td>325</td>
<td>96.15%</td>
</tr>
<tr>
<td>1-1/4”</td>
<td>8.25</td>
<td>264</td>
<td>330</td>
<td>412.5</td>
<td>96.97%</td>
</tr>
</tbody>
</table>

### Metric Measurements:

<table>
<thead>
<tr>
<th>Total Thickness (in)</th>
<th>Kilograms per SqM</th>
<th>1219mm x 2438mm Panel</th>
<th>1219mm x 3048mm x 1524mm Panel</th>
<th>1524mm x 3048mm Panel</th>
<th>Recycled Core &amp; Glass % by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>8.5</td>
<td>25.5</td>
<td>31.75</td>
<td>39.75</td>
<td>95.71%</td>
</tr>
<tr>
<td>8</td>
<td>9.75</td>
<td>29</td>
<td>36.25</td>
<td>45.25</td>
<td>97.50%</td>
</tr>
<tr>
<td>10</td>
<td>12.25</td>
<td>36.25</td>
<td>45.25</td>
<td>56.75</td>
<td>90.00%</td>
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<tr>
<td>13</td>
<td>16.75</td>
<td>47.25</td>
<td>53</td>
<td>73.75</td>
<td>92.31%</td>
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<tr>
<td>16</td>
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<td>72.5</td>
<td>90.75</td>
<td>93.75%</td>
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<td>72.5</td>
<td>90.75</td>
<td>113.5</td>
<td>95.00%</td>
</tr>
<tr>
<td>25</td>
<td>31.75</td>
<td>94.25</td>
<td>118</td>
<td>147.5</td>
<td>96.15%</td>
</tr>
<tr>
<td>32</td>
<td>40.25</td>
<td>119.75</td>
<td>149.75</td>
<td>187</td>
<td>96.97%</td>
</tr>
</tbody>
</table>
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☐ LEED v4: Materials & Resources (MR): Building Product Disclosure and Optimization (BPDO) - Environmental Product Disclosure (EPD) – 1 point
  • Sensitile Systems Resin Panels SCS-EPC-04814

  • 38% Post-Consumer Certified
  • Manufacturing Location for 100 mile (160km) credit:
    Ypsilanti Michigan, USA

☐ LEED v4: Indoor Environmental Quality (EQ):
  ☐ Low Emitting Materials – possible 3 points
    Zero VOC Emissions on CAL1350 Test: Intertek Labs - April 2016
  ☐ Daylight – possible 3 points
    Transparent Panels Only
  ☐ Quality Views – 1 point
    Transparent Panels Only