Color-Safe™ is an acrylic based resin system used for color pavement marking and anti-skid surfacing. The resin and aggregate compounds are capable of full cure in a wide range of temperatures without requiring external heat sources.

Color-Safe™ is typically used for demarcation of crosswalks, bicycle and pedestrian paths, bus lanes and other specially designated areas. It can also be used as a surface coat to enhance skid-resistance for high friction surfacing on hazardous turns and other high accident areas on asphalt and concrete roadways.

Color-Safe™ can be applied by hand with squeegees and rollers or automatically with airless spray equipment.

**Features and Advantages**

- Excellent Color Retention and Durability
- Skid-Resistant Surface
- Alerts Drivers to Special-Use Traffic Lanes
- Variety of Colors and Aggregate Sizes Available
- Easy Application
- Fast Cure Time
- Low Life Cycle Cost
- Strong Adhesion to Concrete and Asphalt Surfaces
- Long-Lasting
- Positive Demarcation
- Enhances Traffic Calming
**Application Procedure**

Surfaces receiving Color-Safe™ must be thoroughly cleaned and free of all dirt. Contaminates that might interfere with the proper adhesion of the material must be removed by sandblasting or shot-blasting.

Color-Safe™ resin system is made up of primer, Color-Safe™ resin, powder hardener and aggregate. These components must be mixed thoroughly for uniform curing and performance.

Color-Safe™ is applied by either the mixed resin and aggregate method or the spray broadcast aggregate method. Refer to the technical data sheet for application details.

No special spray or mixing equipment is required for installation.

**Applications**

Transpo’s Color-Safe™ can be used as an anti-skid surface or for demarcation.

- High Friction Surfacing
- Bicycle Paths
- School Zones
- Bus Lanes and Stops
- Intersections & Crosswalks
- Pedestrian Plazas
- Toll Lanes
- Airfields
- Speed Zones
- Turns and Curves

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**Physical Properties**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit of Measure</th>
<th>Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neat Resin</td>
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<td></td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>2000 psi (14 MPa) min</td>
<td>ASTM D638 Type1</td>
</tr>
<tr>
<td>Elongation</td>
<td>70%</td>
<td>ASTM D638 Type1</td>
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<tr>
<td>Tensile Modulus of Elasticity</td>
<td>1370 psi (9.5 MPa) min</td>
<td>ASTM D638 Type1</td>
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<tr>
<td>Hardness</td>
<td>15-20 Shore D</td>
<td>ASTM 2240</td>
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<tr>
<td>Water Absorption</td>
<td>&lt;0.25%</td>
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</tr>
<tr>
<td>Pot Life @72 °F (22 °C)</td>
<td>15 Minutes</td>
<td>AASHTO T237</td>
</tr>
<tr>
<td>Flash Point</td>
<td>50 °F (10 °C)</td>
<td>ASTM D1310</td>
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<tr>
<td>Solids Content</td>
<td>100%</td>
<td>ASTM D1310</td>
</tr>
</tbody>
</table>

**Aggregate**

- Hardness: 7.0 Mohs Scale

* To be used as general guidelines only