

## EPOXY POLYESTER HYBRID

<b>Product Description</b>	SMD Envirocoats Epoxy Polyester Powder Coatings are thermosetting powders based on Epoxy & Polyester resins. They have good mechanical properties, excellent over bake resistance, very good chemical & corrosion resistance & outstanding flow-leveling characteristics. They are ideally suited for indoor applications.
<b>Product Range</b>	Envirocoats Epoxy Polyester powders are available in Glossy, Semi-Glossy, Matt, Dead Matt, and Textured & Structure Finish in a wide range of standard colors or can be customized according to the end user's requirements.
<b>Substrates &amp; PT</b>	Aluminum & cold rolled cold Annealed ( CRCA ) Steel For Aluminum – Chromatisationg. For Steel – Iron Phosphate / Low wt. zinc phosphate
<b>Powder Characteristics</b>	<ul style="list-style-type: none"> <li>• Particle Size - Suitable for Electrostatic Spray</li> <li>• Specific Gravity - 1.4 – 1.8 (Depending on Colors)</li> <li>• Film Thickness - 50-70µ(Depending on Colors)</li> <li>• Theoretical Coverage - 100-120 Sq.Ft /Kg @50µ</li> <li>• Shelf Life - 6 months from the date of manufacturing</li> </ul>
<b>Application Conditions</b>	Application Method : Electrostatic Powder Spray 60 - 100 KV Curing Schedule: 180 - 200 deg for 10 to 15 minutes (Object Temp.)
<b>Performance Properties</b>	<ul style="list-style-type: none"> <li>• Type - Epoxy Polyester Hybrid</li> <li>• Colour - In desired Shade</li> <li>• Flexibility - Passes 6.25 mm</li> <li>• Impact ( Direct / Reverse ) - 60 – 160 kgcm</li> <li>• Hardness ( Pencil ) - H – 2H</li> </ul>
<b>Accelerated Tests</b>	<ul style="list-style-type: none"> <li>• 5% Salt Spray - 1000 Hours No Face rust , 3mm creepage from scribe.</li> <li>• Humidity - 1000 Hours No blisters or Other failures</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Store in closed, cool room(30°c)in dry condition and in original packing</li> <li>• Exposure to direct sunlight, heat &amp; high humidity should be avoided</li> <li>• The Stack height should not exceed three cartoons</li> <li>• Partly used bags must be tightly closed and stored carefully inside the cartoon in a cool dry storage room</li> <li>• For best performance, use within 6 months</li> </ul>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• Available in 10 &amp; 20 Kg Pack Size</li> </ul>