

EPOXY

Product Description	<p>Envirocoats Epoxy Powder Coatings are thermosetting powders based on epoxy resin which provides excellent corrosion & chemical resistance property. They are designed to give optimum mechanical performance & excellent protective qualities on different components, where long term exposure to Ultra Violet light or exterior weathering is not anticipated.</p>
Product Range	<p>Envirocoats Epoxy 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.</p>
Substrates & PT	<p>Aluminum & cold rolled cold Annealed (CRCA) Steel For Aluminum – Chromatisationg. For Steel – Iron Phosphate / Low wt. zinc phosphate</p>
Powder Characteristics	<ul style="list-style-type: none"> • Particle Size - Suitable for Electrostatic Spray • Specific Gravity - 1.4 – 1.8 (Depending on Colors) • Film Thickness - 50-70μ(Depending on Colors) • Theoretical Coverage - 100-120 Sq.Ft /Kg @50μ • Shelf Life - 6 months from the date of manufacturing
Application Conditions	<p>Application Method : Electrostatic Powder Spray 60 - 100 KV Curing Schedule: 200 deg for 10 to 15 minutes (Object Temp.)</p>
Performance Properties	<ul style="list-style-type: none"> • Type - Pure Epoxy • Colour - In desired Shade • Flexibility - Passes 6.25 mm • Impact (Direct / Reverse) - 60 – 160 kgcm • Hardness (Pencil) - H – 2H
Accelerated Tests	<ul style="list-style-type: none"> • 5% Salt Spray - 1000 Hours No Face rust , 3mm creepage from scribe. • Humidity - 1000 Hours No blisters or Other failures
Storage	<ul style="list-style-type: none"> • Store in closed, cool room(30$^{\circ}$c)in dry condition and in original packing • Exposure to direct sunlight, heat & high humidity should be avoided • The Stack height should not exceed three cartoons • Partly used bags must be tightly closed and stored carefully inside the cartoon in a cool dry storage room • For best performance, use within 6 months
Packaging	<ul style="list-style-type: none"> • Available in 10 & 20 Kg Pack Size