

HR HEAT SHIELD 600

Product Description	SMD Envirocoat Heat Resistant powders are based on durable Silicone Resins & heat resistant Ceramic pigments. This product is recommended where excellent UV & Outdoor resistance are required. It is specifically designed for optimum performance in harsh environments, such as automotive exhausts & other high temperature applications	
Product Range	SMD Envirocoat Heat Resistant powders are available in – Silver & Black	
Recommended Usage	Recommended for- Both Interior & Exterior Structures Area of Application- Mufflers & Silencers, Wood Stove, Pallette Stove, Stove Pipe, Fireplace Fronts & Fire Boxes	
Powder Characteristics	<ul style="list-style-type: none"> • Chemical Type - Silicone • Appearance - Smooth & Uniform fine texture • Particle Size - Suitable for Electrostatic Spray • Specific Gravity - 1.9 To 2.6 • Film build between - 40-60μ • Film Thickness - 50μ • Theoretical Coverage - 100 Sq.Ft /Kg @50μ • Flow Leveling - Good • Workability - Good • Application Voltage - 60-90 Kv • Stoving Schedule - 220$^{\circ}$c(EMT) for 20 mts • Shelf Life - 6 months from the date of manufacturing 	
Application Conditions	<ul style="list-style-type: none"> • Substrate - MS • Surface Preparation - Shot blast with Ra value (5-6) • Apply Heat resistant Primer & subsequently coat with- SMD Envirocoat Heat Resistant Powder Coating • Application - Electrostatic Spray 	
Performance Properties	<ul style="list-style-type: none"> • Adhesion BS EN ISO 2409 • Flexibility ISO 6860 • Impact ISO 6272 • Pencil Hardness ISO 15184 	<ul style="list-style-type: none"> No Loss of Adhesion (2mm Crosshatch) Passes 10mm 500gms x 120cm ht. x 12mm dia. Passes 2H



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Storage	<ul style="list-style-type: none">• Store in closed, cool room(30°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

Disclaimer

To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We Make No Other Warranty Or Guarantee Of Any Kind, Express Or Implied, Including Merchantability And Fitness For Particular Purpose. Liability, If Any, Is Limited To Replacement Of The Product Or Refund Of The Purchased Price. Labor Or Cost Of Labor And Other Consequential Damages Are Hereby Excluded

