

TECHNICAL DATA SHEET HYBRID POWDER COATINGS (M series)

GENERAL INFORMATION:

HYBRID POWDER COATINGS (M series): This is the sustainable combination of Epoxy and Polyester system which provides optimum mechanical performance and excellent protective where proper coating film is applied. Such series of Hybrid powder are available in a wide range of colors and finish effects ie. High gloss, Semi gloss, Matt, Texture, Wrinkle, Hammertone, Silvertone, Cracking etc.

KEY PROPERTIES:

Color stability	Excellent
Particle size distribution (Um)	3 - 100
Coverage (s.q.m/kg)	Approx 8
Specific gravity g/cm ³	1.3 - 1.8
Baking conditions (*)	180 ⁰ C – 10'

MECHANICAL TESTS:

Flexibility (ISO 6860)	Pass 3mm
Adhesion (ISO 2409)	Pass 2mm
Hardness (ISO 1518)	Pass
Impact (ISO 6272)	Pass 2mm Front & Back
Salt spray (ISO7253)	500hrs Pass

PRETREATMENT:

Metal surfaces to be coated must be clean and free from grease. Iron phosphate and particularly lightweight zinc phosphating of ferrous metals improves corrosion resistance.

Aluminium substrates may require a chromate conversion coating.

PACKING INFORMATION:

Product ID	M series
Container	Cartonbox with PE liner
Net weight	25Kgs
Storage	Dry and cool areas below 25 ⁰ C
Shelf life	12 months

APPLICATIONS:

Our M series powder coatings can be used with Corona type spraying system and it is completely adapted with all indoor coating purposes include

- Industrial machinery
- Electrical appliances
- Kitchen cabinets
- Fire Extinguishers
- Fitness equipments
- Garden Tools
- Light Fixtures
- Office & Home Furnitures
- Power Tools
- Shelving
- Tool Boxes

HEALTH AND SAFETY DATA

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage. MSDS's can be found on the company website at www.powdercoating.vn



() Object temperature, baking conditions can be adjusted base on specific type of colors or surface effect. Improperly cure the coated film might lead to difference in color, gloss and other deterioration of coating properties. See TDS for detailed instruction.*

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall review statements on specific products and/or should make their own investigations to determine if such products are suitable for a particular use.