



JINHU COLOR POWDER COATING CO.LTD

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TECHNICAL DATA SHEET

ANTIMICROBIAL POWDER COATING

(FH-AP Series)

INTRODUCTION

FH-AP Series Antimicrobial Powder Coating provides protection against a broad spectrum of micro-organisms, such as AFT, Penicillium citrinum, escherichia coli, aspergillus flavus, gamboge cocci, malt rootlets, moonlight bacillus of goering lemongrass bud, racemomucor, trichosporon cutaneum, purplish cocci, etc.

The cured film exhibits enhanced resistance to bacteria and fungi growth, suitable for both exterior and interior applications.

USAGE

- Domestic appliances: refrigerators, air blown humidifiers and washing machines etc.
- Sanitation: Kitchenware, bathroom wears, dish washers and shopping carts etc.
- Furniture industry: Steel shelving, storage cabinets and trays etc.
- Healthcare: Hospitals Instrument trays, sterilization equipment, cabinets etc.
- Food equipment: Serving trays, display cases, food processing equipment etc.

APPLICATION SCHEDULE

- Applied :By electrostatic spraying gun
- Curing schedule : 180-200°C /10-15 minutes depending on the powder chemistry.
- Optimal film thickness :60-80 um

GLOSS AND COLOR RANGE

- Gloss levels range from matt to high gloss
- Full color range is available.
- The overbake yellowing resistance of a particular color depends on the chemistry .

STORAGE

- Should be stored under dry conditions with good ventilation at a temperature not exceeding 30 C.
- Storage period recommended should not exceed 6 months, in case exceeding 6 months without affecting their free flowing properties, the powder will still have optimal characteristics.
- Should be protected from excessive heat, humidity, water and contamination with foreign materials such as powder, dust, dirt, etc.
- Any leftover powder should be kept in an appropriate area that is cool and dry. Do not expose to the air too long as the powder properties may deteriorate with the moisture.