

PEACOFOUR FINISH

Product Code: 6700

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PRODUCT INTRODUCTION

- Two component Fluorourethane ambient cured finish.
- Meet AAMA 605.2 performance requirements
- Extra-ordinary color and gloss retention and exterior weathering characteristics.
- Available in gloss and satin finishes
- Special metallic finish is available
- Can be applied on aged PVDF finishes
- Excellent anti graffiti properties

PHYSICAL PROPERTIES

| | |
|--|---|
| Colors and gloss | Clear, colors – gloss and satin |
| Mass density | approx. 1.2g/cm ³ |
| Solids content (by volume) | approx. 34-38% |
| VOC | 400 g/litre |
| Recommended dry film thickness | 50µm |
| Theoretical spreading rate | 6.8 m ² / l for 50µm |
| Touch dry | 20 mins |
| Overcoating interval (by clear) | 6 hours at 10 °C 3 hours at 24 °C 2 hours at 32 °C |
| Fully Cured | 24 hours at 10 °C 20 hours at 24 °C 16 hours at 32 °C |
| Shelf life(cool and dry place) | at least 12 months |
| Flash point | base 25 °C, hardener 25 °C |

APPLICATION CONDITIONS AND TEMPERATURE

- Previous coat; dry and free from any contamination and sufficiently roughened if necessary
- Substrate temperature should be at least 3 °C above dew point
- Maximum relative humidity during application and curing is 80%

APPLICATION INSTRUCTION

Mixing ratio

base to hardener 15:1 *by volume*

- Too much solvent results in lower sag resistance and slower cure
- Thinner should be added after mixing the components

| | AIR SPRAY | AIRLESS SPRAY |
|--------------------------------------|--|-------------------------------------|
| Recommended thinner | Thinner 014 (flash point 25 °C) | Thinner 014 (flash point 25 °C) |
| Volume of thinner - for 50 µm | ~15% | ~10% |
| Nozzle orifice | 1-1.5 mm | 0.33 mm |
| Nozzle pressure | 0.3-0.4 MPa (approx. 3-4 AT; 43-57 P.S.I.) | 15MPa (approx. 150 AT; 2100 P.S.I.) |

BRUSH AND ROLLER

| | |
|----------------------------|-------------|
| Recommended thinner | Thinner 014 |
| Volume of thinner | <5% |

CLEANING SOLVENT

Thinner 068(flash point 30 °C)

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PERFORMANCE CHARACTERISTIC

| TEST | RESULT |
|--------------------------------------|--|
| AAMA 605.2 – 7.4 Adhesion | Passes Wet, Dry and Boiling Water Adhesion Tests |
| ASTM D4541 | 1585psi |
| ASTM D3359 | 5A |
| AAMA 605.2 – 7.7 Chemical Resistance | Passes Tests fro Muriatic Acid, Nitric Acid, Mortar Resistance and Detergent Resistance |
| AAMA 605.2 – 7.3 Hardness | Pass 3H exceeds F hardness |
| AAMA 605.2 – 7.5 Impact Resistance | No delamination after tape pull following 0.1 inch minimum deformation |
| Graffiti Resistance | Complete removal and no stain from all spray paints, crayons, lipstick, shoe polish and marker |
| EMMAQUA | >90% gloss retention after 1250 JM/sqm UV exposure |
| ASTM D4585 Humidity Resistance | No effect on coated surface after 3000 hours exposure |
| ASTM B117 Salt Fog | No effect on plane area; less than 1/32" undercutting at scribe after 3000 hours |

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