

PEACOAL MIO COAT

Product Code: 6116

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PRODUCT INTRODUCTION

- Micaceous iron oxide (Mio) alkyd coating
- Excellent resistance to atmospheric exposure conditions
- High UV resistance
- Can be spray applied up to 75µm dft
- Erosion resistance

PHYSICAL PROPERTIES

Colours and Gloss	Metallic redbrown and grey - matt
Mass density	approx. 1.4~1.5 g/cm ³
Solids content (by volume)	approx. 52%
VOC	230 g/l
Recommended dry film thickness	40-70 µm per coat
Theoretical spreading rate	13 m ² /l for 40 µm 7.4m ² /l for 70 µm
Touch dry for 40µm	2 hrs at 5~10 ⁰ C 30 mins at 20 ⁰ C
Touch dry for 70µm	4 hrs at 5~10 ⁰ C 2 hrs at 20 ⁰ C
Overcoating interval for 40µm	Min. 72 hrs at 5 ⁰ C 24 hrs at 10 ⁰ C 16 hrs at 20 ⁰ C Max. No limitation
for 70µm	Mim. 5 days at 5 ⁰ C 2 days at 10 ⁰ C 1 day at 20 ⁰ C Max. No limitation
Shelf life (cool and dry place)	at least 12 month
Flash point (DIN 53213)	39 ⁰ C

APPLICATION CONDITIONS AND TEMPERATURE

- Steel; blast cleaned to ISO-Sa2½
Steel; power tool cleaned to min. ISO-St2
- Previous coat; dry and free from any contamination and sufficiently roughened is necessary
- Substrate temperature should be at least 3⁰C above dew point and may not exceed 50⁰C

APPLICATION INSTRUCTIONS

- Stir well before use
- The temperature of the paint should be above 15⁰C, otherwise extra thinner may be required to obtain application viscosity
- Too much solvent result in lower sag resistance

AIRLESS SPRAY

Recommended thinner	Thinner 053 (flash point 40 ⁰ C)
Volume of thinner	5~10%
Nozzle orifice	Approx. 0.46mm (0.018 inch)
Nozzle pressure	12-15MPa (approx.120-150 AT; 1700-2100 P.S.I)

AIR SPRAY

Recommended thinner	Thinner 053 (flash point 40 ⁰ C)
Volume of thinner	5~15%
Nozzle orifice	1.5~3mm (0.018 inch)
Nozzle pressure	0.2~0.3MPa (approx.2~3 AT; 29~43 P.S.I)

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ROLLER & BRUSH

Recommended thinner Thinner 053(flash point 40⁰C)

Volume of thinner <2%

CLEANING SOLVENT

Thinner 053 (flash point 40⁰C)