



OXYHIN SDN. BHD. (393471-X)

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TECHNICAL DATA SHEET

OXYPLAST WRINKLE FINISH POWDER COATING

OXYPLAST Wrinkle Finish powder coatings are highly decorative ripple-pattern finishes available in any of the OXYPLAST powder types ie. epoxy, polyester and epoxy-polyester. In certain applications this finish is chosen because of its ability to hide substrate defects.

GLOSS, FINISH TYPE AND COLOUR RANGE

Gloss levels range from matt to high gloss depending on the grade.

A full colour range is available; the overbake yellowing resistance of a particular colour depends on the grade.

APPLICATION SCHEDULE

May be applied by electrostatic spraying using classic devices, which can provide a negative tension of 60 – 80 kV. The powder is cured in a suitable convection or infra red oven, the curing schedule depending on the grade.

Optimal film thickness : 80 – 100 μm

The wrinkle pattern obtained is thickness-dependent. Excessively thin or thick films will not give a satisfactory finish.

SUBSTRATES AND PRE TREATMENT

May be applied to the following substrates after the appropriate cleaning and conversion coating:

Ferrous metals : Iron or zinc phosphatation
(cold rolled steel, cast iron etc.)

Zinc surfaces : Chromatation or zinc phosphatation
(galvanised steel, zinc alloy)

Aluminium alloys : Chromatation

STORAGE

At temperatures not exceeding 30°C and under dry condition, Wrinkle Finish powders may be stored for up to 6 months without affecting their free flowing properties. The coating thus will still have optimal characteristics.