



**OXYHIN SDN. BHD.** (393471-X)

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## TECHNICAL DATA SHEET

### OXYPLAST ANTIQUE FINISH POWDER COATING

OXYPLAST Antique Finish powder coatings are highly decorative finishes consisting of a base colour with a vein pattern of a distinctly different colour. The base colour is usually black; white or other colours may also be used. The vein pattern could be metallic (silver, gold or copper) or a normal colour.

Finishes with a metallic vein pattern are based on resin systems for indoor use only. To preserve its decorative appearance application of a protective clear-coat (such as OXYPLAST PR280) over the Antique finish is highly recommended. Finishes with a normal colour vein pattern may be formulated for outdoor use also. These finishes do not require a clear-coat.

#### COLOUR RANGE

Various combinations of base and vein colours are possible.

#### 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  $\mu$ m

The antique 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

Antique Finish powders have lower storage stability than other powders. It is advised not to keep the powders for longer than 3 months. Storage temperature should not exceed 30°C and the area should be dry.