

Interpon 610 Antique Silver

Product Data Sheet

Product Description:

Interpon 610 Antique Silver is based on the successful Interpon 610 series of TGIC free polyester powder coatings and has been designed to achieve a unique metallic hammer effect from a single coat finish on a variety of metallic substrates. **Interpon 610 Antique Silver** has been formulated for both interior and exterior environments. However, in aggressive environments it is recommended that a clear topcoat, such as **Interpon Supaclear VP188**, be applied to protect the metallic finish.

Powder properties*:

Chemical type	Polyester
Particle size	Suitable for electrostatic spray
Specific gravity	1.5
Storage	Dry cool conditions (below 30°C)
Shelf Life	12 months
Sales code	MW401T
Stoving Schedule	10 mins at 190°C - 8 mins at 200°C 5 mins at 210°C (Object temperature)

Film properties:

Mechanical, chemical and durability tests carried out on chromate conversion coated aluminium panels.
All tests are performed on panels coated with 80 microns film of powder stoved for 10 minutes at 200°C (metal temperature).

Mechanical tests*:

Flexibility	(Bend Test) AS1580 402.1	Pass 6mm
Adhesion	(2mm Crosshatch) AS1580 408.4	Classification 1 maximum
Cupping Test	ISO 1520	Pass > 3mm
Pencil Hardness	AS1580 405.1	F - minimum
Reverse Impact Resistance	AS3715 Appendix H	Pass 2.5Nm

Durability*:

Not recommended for exterior environments where the coating is required to meet the weathering and performance properties of AS3715-2002. Contact your Interpon representative for additional information.

Colour Stability at elevated temperature*:

Good for continuous exposure up to 100°C.

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Solvent/Chemical Resistance: Generally good resistance to solvents and chemicals. In aggressive environments **Interpon 610 Antique Silver** should be over-coated with **Interpon Supaclear VP188**. It is recommended that chemical resistance tests be conducted to confirm the suitability of the coating system prior to powder coating.

Pre-treatment: For optimum coating performance the following pretreatments are recommended prior to the application of **Interpon 610 Antique Silver**. The pre-treatment should be used in accordance with the supplier's recommendations.

- A. Aluminium: Multistage chromate or chrome phosphate
- B. Galvanised Steel: Multistage zinc phosphate or chromate
- C. Steel: Multistage zinc or iron phosphate

Application: **Interpon 610 Antique Silver** can be applied by manual or automatic electrostatic spray equipment. Recycling of the powder is not recommended.

To achieve the desired pattern the recommended dry film thickness is 80 microns (over bare substrate) or 100 microns if applying the product over a zinc based powder primer such as **Interpon PZ 550 MetaZinc Anti-Corrosive Primer**.

Additional Information: Akzo Nobel Pty Limited has a policy not to use lead or other heavy metal based pigments in our range of powder coatings.

Safety Precautions: This product is intended for use only by professional applicators in industrial environments and should not be used without reference to the relevant health and safety data sheet, which Akzo Nobel has provided to its customer. If for any reason a copy of the relevant health and safety data sheet is not immediately available the user should contact Akzo Nobel to obtain a copy before using the product. Minimum safety precautions in dealing with all powder coatings are as follows. All dusts are respiratory irritants. Therefore, inhalation of the dust or of the vapors resulting from the cure process should be avoided. Take steps to prevent skin contact, but should contact occur, wash skin with soap and water. In case of eye contact flush immediately with clean water and seek medical advice. Dust clouds of any finely divided organic material can be ignited with an electric spark or open flame. Dust and powder should not be allowed to build up on surfaces or ledges. Dust collection equipment should be used which has provision for adequate explosion release. All equipment should be electrically earthed to prevent build up of static. Users are recommended to follow the guidelines laid down in AS3754:1990, "Safe Application of Powder Coatings by Electrostatic Spraying".

Disclaimer: Unless otherwise agreed by us in writing, any contract to purchase products referred to in this brochure and any advice which we give in connection with the supply of products are subject to our standard conditions of sale. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

*Typical minimum specifications. Performance may vary slightly between individual products

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