Product Datasheet

BU Powder Coatings
Interpon 200 SilvaChrome MR

AkzoNobel
Tomorrow's Answers Today

Product Description

Interpon 200 SilvaChrome MR has been formulated as a decorative coating for non-aggressive environments. **Interpon 200 SilvaChrome MR** is designed to achieve a bright metallic appearance to resemble Chrome from a single coat finish on a variety of substrates.

As **Interpon 200 SilvaChrome MR** contains a blend of metallic pigments to achieve its metallic lustre effect, contact with humidity, cleaners, general environmental fallout or even finger marks from manual handling may leave a dulled appearance over the affected area. **Interpon 200 SilvaChrome MR** has been formulated as an MR grade powder to provide some resistance to finger marking during handling, however it is not recommended for exterior environments where the coating is required to meet the weathering and performance properties of AS3715 -2002.

Where protection from environmental fallout, humidity, general handling (such as fingerprint resistance) and improved resistance to mild household cleaners is required, **Interpon 200 SilvaChrome MR** must be over-coated with Interpon 600 Clear.

Powder properties*

Chemical type	Polyurethane
Particle size	Suitable for electrostatic spray
Specific gravity	1.5
Storage	Dry cool conditions (below 25ºC)
Shelf Life	12 months
Sales code	P3000I
Stoving Schedule	15 mins at 190ºC or 10 mins at 200°C (Object temperature)

Film properties

Mechanical, chemical and durability tests carried out on chromate conversion coated aluminium panels.
All tests were performed on panels coated with 50 microns of powder stoved for 10 minutes at 200ºC (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	AS3715 Section 2.5.8	Pass 2.5Nm

Chemical and Durability resistance

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

AkzoNobel Coatings Ltd
686 Rosebank Road
Avondale Auckland 1007
New Zealand
Ph: 0800 801 342
Fax: 0800 809 679
Email: salesnz@interpon.com
Web: www.interpon.co.nz

AkzoNobel Pty Limited
51 McIntyre Road
Sunshine Victoria 3020
Australia
Ph: 1800 630 516
Fax: 1800 650 786
Email: salesoz@interpon.com
Web: www.interpon.com.au

Interpon powder coatings
EVERY COLOR IS GREEN

Pre-treatment

For optimum coating performance the following pre-treatment is recommended prior to the application of **Interpon 200 SilvaChrome MR**. The pre-treatment should be used in accordance with the supplier's recommendations.

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

Application

Interpon 200 SilvaChrome MR can be applied by manual or automatic electrostatic spray equipment. Unused or over-sprayed powder coating can be reclaimed and recycled through the coating system.

Additional Information

AkzoNobel Pty Limited has a policy not to use lead or other heavy metal based pigments in our range of powder coatings. As a result of this policy, the use of bright and deep colours such as Yellows, Oranges and Reds are not recommended for severe outdoor exposure where long-term colour fastness is required.

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 AkzoNobel 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 AkzoNobel 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 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.

Interpon 200 SilvaChrome – V4
Issued: Jul 2010

AkzoNobel Coatings Ltd
686 Rosebank Road
Avondale Auckland 1007
New Zealand
Ph: 0800 801 342
Fax: 0800 809 679
Email: salesnz@interpon.com
Web: www.interpon.co.nz

AkzoNobel Pty Limited
51 McIntyre Road
Sunshine Victoria 3020
Australia
Ph: 1800 630 516
Fax: 1800 650 786
Email: salesoz@interpon.com
Web: www.interpon.com.au