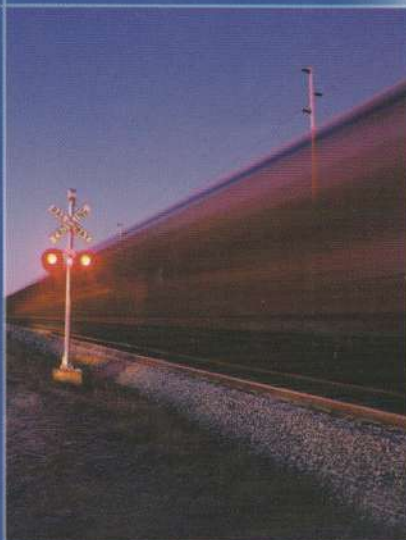


Interpon EH

Euro Hybrids range



AKZO NOBEL

Interpon EH

Euro Hybrids range

RAL 1003

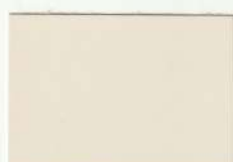
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RAL 1007

RAL 1013

RAL 1015

RAL 1018



RAL 1021

RAL 1023

RAL 2000

RAL 2002

RAL 2004

RAL 3000



RAL 3002

RAL 3003

RAL 3005

RAL 3020

RAL 4003

RAL 4005



RAL 5002

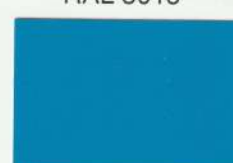
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RAL 5008

RAL 5010

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RAL 5015



RAL 5018

RAL 6000

RAL 6001

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RAL 6016



RAL 6018

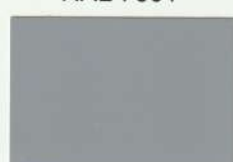
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RAL 6029

RAL 7001

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RAL 7032

RAL 7035

RAL 7036

RAL 7037

RAL 7038

RAL 7042



RAL 8007

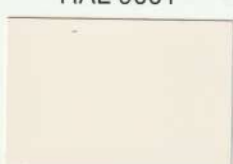
RAL 8011

RAL 8012

RAL 8014

RAL 8017

RAL 9001



RAL 9002

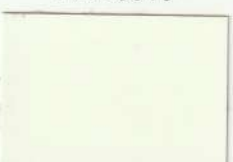
RAL 9003

RAL 9005

RAL 9010

RAL 9016

RAL 9017



For technical reason associated with colour reproduction, the colours shown give only an indication of shade. No guarantee can be given that they will exactly match the powder product.

La technique d'impression des teintes sur papier ne peut pas reproduire avec fidélité l'aspect de nos peintures en poudre sur métal. De très légères différences peuvent donc être éventuellement constatées.

Per motivi tecnici associati alla riproduzione del colore, i colori mostrati danno solo una indicazione di tinta. Non è possibile garantire che il prodotto in polvere corrisponderà perfettamente.

Por razones técnicas asociadas con la reproducción del color, los colores de la carta dan solo una indicación de la tonalidad. No podemos garantizar que el color sea exacto con el producto en polvo.

Verbindlichkeiten hinsichtlich Farbton und Glanz können aus dieser Informationskarte nicht abgeleitet werden. Geringe Farbdifferenzen zu den RAL-Vorlagen, unter Beachtung der zugesicherten Eigenschaften unserer Fassadenqualitäten, sind aus rohstoffbedingten Gründen nicht immer vermeidbar.

Technical Data

Product Description:

Interpon EH (Euro Hybrids) is a series of epoxy/polyester hybrid powder coatings offering improved colour, UV-light and heat stability compared to the Interpon 100 range of pure epoxies, whilst maintaining an optimum combination of decorative and protective qualities. **Interpon EH** powders are available in a wide range of RAL colours, in gloss version.

Powder Properties:

- Chemical type** Epoxy/Polyester
- Gloss** 90 ± 3 (60°)
- Particle size** Suitable for electrostatic spray
- Specific gravity** 1.2-1.7 g/cm³ depending on colour
- Storage** Dry cool conditions below 25°C
- Shelf life** 12 months
- Sales Code** E-series
- Stoving schedule (object temperature):**
 - 20 minutes at 160°C (minimum curing cycle)
 - 10 minutes at 180°C

Test Conditions:

The results shown below are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used.

-Substrate

Mechanical tests: Gold Seal polished steel
Chemical & durability tests: Gold Seal lightweight

-**Pretreatment:** Zinc phosphate

-**Film Thickness:** 60 microns

-**Stoving:** 10 minutes at 180°C (object temperature)

Mechanical Test:

-Flexibility

BS3900-E11 (Conical mandrel) Pass 3mm

ISO 1519/73 (E) (Cylindric mandrel) Pass 3/16"

-Adhesion

BS3900-E6 (2 mm crosshatch) class 0

DIN 53151 (2 mm crosshatch) GT0 > 95%

-**Erichsen cupping:** BS3900-E4 Pass > 6mm

-Hardness

BS3900-E2 (2000gr) Pass - no penetration to substrate

ASTM D 3363/74 (pencil) Pass H - 2H

-Impact

BS3900-E3 Pass 3 Joule Direct and Reverse

UNI8901 Pass 30 Kg x cm Direct and Reverse

Chemical and Durability Tests:

-Salt Spray ASTM B117 (500hrs)

Pass - no corrosion creep no more than 3mm from the scribe.

-Cyclic Humidity BS3900-F2 (1000 hours)

Pass - no blistering or loss of gloss

-Distilled Water Immersion BS3900-F7 (240 hours)

Pass - no blistering or loss of gloss

-Exterior Durability

Some chalking and colour change after 6 months continuous outdoor exposure.

Protective properties not impaired.

Not recommended for exterior use.

-Colour Stability at elevated temperatures

Good satisfactory for continuous exposure up to 125°C

-Chemical Resistance

Generally excellent resistance to most diluted acids and alkalis or oils at normal temperatures.

Pretreatment:

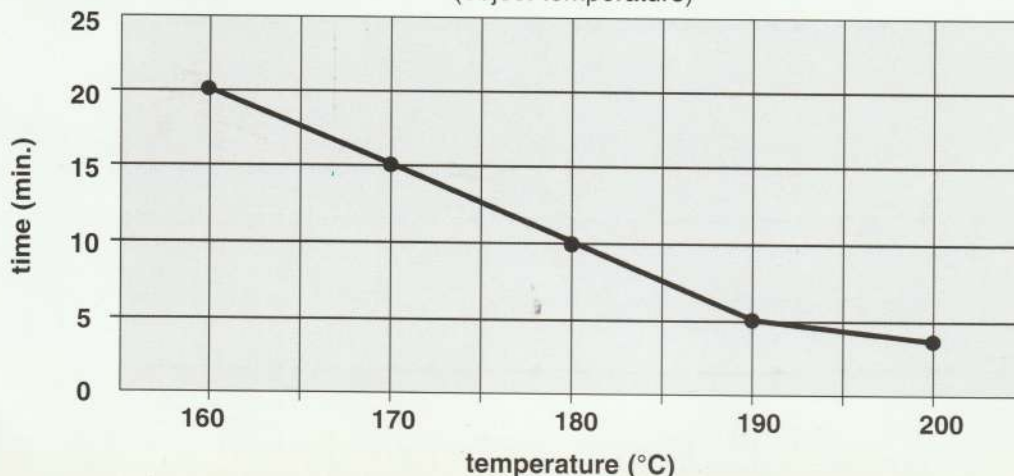
Aluminium, steel or Zintec surfaces to be coated must be clean and free from grease. Iron phosphate and particularly lightweight zinc phosphating of ferrous metals improves corrosion resistance.

Aluminium substrates may require a chromate conversion coating.

Application:

Interpon EH powders can be applied by manual or automatic electrostatic spray equipment, corona or tribocharging. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

Curing Conditions of **Interpon EH** (Euro Hybrids) Products
(object temperature)



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www.interpon.com

* Denote Powder Manufacturing Site

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 vapours 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 the "Code of Safe Practices" issued by the British Coatings Federation, copies of which are available on request.

Disclaimer:

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Interpon
 Powder Coatings