

Interpon PF

Product Description: **Interpon PF** is a range of post formable powder coatings developed for applications which require a high degree of coating flexibility. The excellent detergent, stain and corrosion resistance of these products mean that they are suitable for domestic appliance applications.

Powder Properties:	Colour	Available in arrange of colours
	Gloss	and glosses
	Particle Size	Suitable for electrostatic application
	Specific gravity	1.47±0.05 g/cm ³
	Storage	Dry cool conditions below 25°C
	Stoving schedule (object temperature)	For individual products please refer to the specific Product Data Sheet

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	0.8mm, 1.0mm steel
Pretreatment	Lightweight Zinc Phosphate
Film Thickness	50 microns (2 mils)

Mechanical Tests:	Adhesion	BS EN ISO2409 1mm Crosshatch	Gt 0
	Erichsen Cupping	ISO1520	Greater than 8mm
	Impact	BS3900-E3	20 joules forward and reverse
	Conical Mandrel	BS3900-E11	Less than 3mm
	T-bend Flexibility	For the performance of individual products please refer to the specific Product Data Sheet.	0 to 2 T-bend at 20°C(68°F) after ageing
	Scratch Hardness (2000g)		Pass - no penetration to substrate
	Pencil Hardness		H

Chemical/Durability Properties:	Salt Spray	500 hours hot salt spray. No blisters/corrosion and <2mm creep from cut edge and scribe. No removal of film on tape-pull test
	Humidity	1000 hours, no blisters/ corrosion or creep from cut edge and scribe
	Stain Resistance	(24 hours at 20°C/ 60°F) Tomato ketchup, English mustard, Lipstick, Black shoe wax, Household cleaner (Ammonia containing) and Lemon juice - All failed to stain or soften the coating.

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Pretreatment:	For more information regarding specific substrates and applications for Interpon PF contact Akzo Nobel.
Application:	Interpon PF can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.
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.
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