

Interpon Autoblock

Product Description: **Interpon Autoblock** are a series of machineable coating designed for corrosion and decorative protection of cast iron engine blocks. **Interpon Autoblock** is available in a range of finishes including gloss, matt and textured finishes.

Powder Properties:	Chemical type	Epoxy
	Particle size	Suitable for electrostatic spray
	Specific gravity	1.70 ± 0.3 g/cm ³
	Storage	Dry cool conditions below 25°C
	Shelf life	12 months
	Stoving schedule (object temperature)	10 minutes at 200°C
	<i>Note: specific curing conditions will be dependant upon the oven type and product</i>	

Product Range	The current Interpon Autoblock range comprises of:			
	AN205U	AN211U	BN070G	BN072A
	BN101O	BN103D	BN170G	BN302D
	BN303D			

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.

Mechanical Tests:	Substrate	6mm Mild Steel, 10cm x 10cm panels	
	Pretreatment	Sa 2.5 finish (SSPC-SP10)	
	Film Thickness	Typically 80 microns	
Mechanical Tests:	Adhesion	DIN 53151	Gt 0
	Hardness	BS EN ISO 1518 (2000g)	Pass - no penetration to substrate
Corrosion Tests:	Neutral Salt Spray	ISO7253 (250 hours)	Pass - no corrosion creep more than 2mm from scribe. No removal of film on tape pull test.
	Cyclic Humidity	BS3900 F-2 (250 hours)	Pass - no blistering or loss of gloss
	Chemical Resistance	Meets the requirements of Automotive OEM specifications for resistance to engine oils and other underhood fluids.	

Interpon Autoblock

Specification Testing: **Interpon Autoblock** meets the test requirements of the following specifications:

Ford Europe	:	SSM 2P 9552 A
Ford USA	:	Paint Spec 890810
Chrysler USA	:	MS-PE16-2
Renault Mexico	:	
VW Mexico	:	
GM USA	:	GM 9984176

Pretreatment: For more information regarding specific substrates and applications for **Interpon Autoblock** contact Akzo Nobel.

Application: **Interpon Autoblock** 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: When using do not eat, drink or smoke. Do not breathe the dust. In case of insufficient ventilation wear suitable respiratory equipment. For further information please refer to the specific product Material Safety Data Sheet (MSDS).

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.