

Interpon Autobody 5000

Gloss Black – QN000G

Product Description: QN000G is a powder coating designed to meet the most demanding automotive specifications for exterior durable coatings. Specifically intended for trim components **Interpon Autobody 5000** - QN000G gives significantly improved gloss and colour retention.

Powder Properties:	Colour	Black	
	Gloss	>90% (60° head) ASTM D523-89	
		>80% (20° head) ASTM D523-89	
	Distinction of image	>80% ASTM E430-91	
	Particle size	Suitable for electrostatic spray	
	Specific gravity	1.2-1.4 g/cm ³	
	Storage	Dry cool conditions below 25°C	
	Stoving schedule (object temperature)	10 mins at 200°C	Other schedules available on request

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 steel		
Pretreatment	Phosphate (eg. Bonder LH)		
Film Thickness	60-70 microns		

Mechanical Tests:	Chip Resistance	SAE J400	Rating 3A
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Corrosion Tests:	Neutral Salt Spray	ASTM B-117 480 hours immersion	No blistering and <2mm corrosion creep from scribe
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Weathering Tests:	Xenon Arc	SAE J1960	>75% gloss retention after 2000 kj/m ² test
	Exterior Durability	5° South Florida	>85% gloss retention after 60 months exposure

Specification Approvals: QN000G is approved by Ford Materials Engineering against the following specifications:

WSK-M2 P141-A3 (Ford report 32817)	Body colour steel bumpers, Exterior
WSK-M2 P146-A (Ford report 32908)	Bright metal exterior
WSK-M70 J8-A (Ford report 32818)	Exterior

Pretreatment:	For more information regarding specific substrates and applications for Interpon Autobody 5000 - QN000G contact Akzo Nobel.
Application:	Interpon Autobody 5000 - QN000G 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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