

Product Datasheet



AkzoNobel
Tomorrow's Answers Today

Powder Coatings

Interpon PZ550 Anticorrosive Primer Product Code – ALZ55N

Product Description: Interpon PZ550 is a specially designed powder coating primer suitable for use in highly corrosive environments, and gives truly heavy duty performance when applied with a standard Polyester topcoat. The combined primer and topcoat gives a standard performance of 3000 Hrs of Neutral salt spray test with corrosion < 4mm from the scribe. This is a standard powder coating chemistry-engineered for higher performance- Guarantying longer life of the coated substrate.

	Result	Method
Powder Properties:		
Colour	Grey	
Gloss	< 05 (60° head)	ASTM D523-89
Specific Gravity	2.8±0.1 g/cm ³	Theoretical
Particle size		Suitable for electrostatic spray
Storage		Dry cool conditions below 25°C
Shelf life		06 months

Test Conditions Mechanical Chemical and Durability Test : 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	Mild Steel	
Pre-treatment	Shot or grit blasting conforming to SA2.5	
Film Thickness	50-70 microns	ASTM D1186-93
Stoving	200 deg for 2 min for primer and 200 deg for 10 min after applying topcoat	
Adhesion	GT=0	ASTM D 3359 -93
Scratch Hardness	2000gms	ASTM D 1474-92
Flexibility (Conical Mandrel)	6 mm	ASTM D522 –93A
Erichsen Cupping	4 mm	ASTM 643-84
Impact	40kg.cm	ASTM D2794-93

Chemical and Durability Test

Salt Spray	Creepage - <4mm corrosion creep from Scribe After 3000 hrs exposure in SST Cabinet	ASTM B-117
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MEK Double Rub Test 100 Double Rub Passes

Pre-treatment: For more information regarding specific substrates and applications for **Interpon PZ550** contact Akzo Nobel.

Application: **Interpon PZ550** 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 – PC020).

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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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