

Interpon PZ Primers Advanced Active Corrosion Protection





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Advanced Active Corrosion Protection

The use of coatings for corrosion protection of steel is a practice that has been established for more than 50 years. AkzoNobel, a world leader in coatings technology, is a major supplier of anti-corrosion coatings.

Zinc primers are renowned for their superior corrosion protection properties. Without adequate corrosion protection, in harsh environments steel will corrode prematurely leading to potentially expensive maintenance costs or even complete product replacement.

Interpon PZ epoxy zinc powder primers provide a high performance anti-corrosion solution, delivering proven benefits:

- Can be topcoated with durable polyester powder topcoat
- Demonstrated protection against corrosion and rust
- Cost effective
- Environmentally friendly (No VOC's – low environmental impact)
- Ease of application
- Excellent edge protection
- Tough and durable – high resistance to damage
- High material utilisation – low applied cost
- International track record
- Compatible with a wide range of topcoats
- Excellent salt spray performance
- Rapid turnaround of components

Interpon PZ System

Depending on your application requirements, Interpon Powder Coatings has 2 PZ (Polyzinc) Primer products to choose from. Interpon PZ 790 (ALZ90F) and Interpon PZ 560 (BL103K).

For superior corrosion protection in aggressive environments – abrasive blast clean Class SA 2.5 is recommended.

Interpon Finish

Interpon PZ Primer

Steel

Interpon TC
Interpon D1000
Interpon EC (Easy Clean)
Interpon D1010
Interpon D2010
Interpon D2015

“
best
performing
powder
coating
primer for
corrosion
protection
over blasted
steel
”

“excellent on-line application properties”



Interpon PZ 790 Zinc Primer (ALZ90F)

Interpon PZ 790 is a premium epoxy zinc powder primer and has been confirmed as the best performing powder coating primer for corrosion protection over blasted steel. To achieve the highest standards of corrosion protection Interpon PZ 790 uses unique AkzoNobel technology to enhance its active anti-corrosion performance.

Interpon PZ 790 system shows excellent anti-corrosion performance when salt spray tested and when tested in aggressive exterior environments such as the Northumberland Coast test site in the UK.

All test panels prepared by abrasive blast-clean (Class SA 2.5, blast profile 35-65µm).

Topcoat with Interpon D2015 polyester powder.

Tested for Exterior Exposure Performance:

ISO 12944 (C4/C5M) Blyth Coast Northumberland (UK) Aggressive Coastal Environment

Primer Used	Adhesion loss from scribe	
	10 month exposure	18 month exposure
Interpon PZ 790	0.5mm	1.5mm
Interpon 100 epoxy powder primer	12mm	10 months only
Interpon D2015 only	13mm	10 months only

Interpon PZ 560 Zinc Primer (BL103K)

Interpon PZ 560 epoxy zinc powder primer provides superior corrosion protection of steel and is compatible with the full range of powder topcoats. Interpon PZ 560 provides excellent on-line application properties under adverse conditions and smoothness of finish. Interpon PZ 560 system can be used in a wide range of applications and has a proven track record of success.

Steelplex™ Warranty Systems

Interpon Powder Coatings has a range of anti-corrosion warranty systems which utilise the excellent performance benefits of the Interpon PZ primer range. For further details regarding our unique Steelplex™ Warranty Systems, contact your local Interpon Sales Representative.

For optimum performance in corrosion protection of steel, a 3 coat Interpon PZ system is required - Interpon PZ 790 primer, Interpon MetaPrep™ barrier primer and Interpon D exterior durable polyester topcoat. When applied by a Steelplex™ Accredited Applicator will attract up to 10 years* corrosion protection.

*subject to environmental and Steelplex™ system limitations



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The Application Process

Interpon PZ Primer is applied by Electrostatic application. The powder fluidises as a conventional powder and sprays as a conventional powder, removing any need for special application equipment.

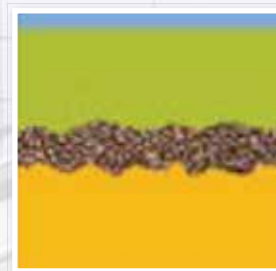
The Interpon PZ System provides outstanding corrosion protection combined with the excellent exterior durability of the Interpon polyester powder range.

- Abrasive blast clean (Class SA 2.5, blast profile 35-65µm)
- Interpon PZ Primer (60-80µm)
- Interpon polyester topcoat (60-80µm)

As an alternative for less aggressive environments a chemical pre-treatment can be used but reduced performance is to be expected – request a product data sheet for further details.

Interpon PZ zinc based primers have a proven anti-corrosion track record performance globally. Interpon PZ Primers are used in a wide range of applications:

- Architectural metalwork
- Liquid propane gas-tanks
- Fencing
- Truck trailers and chassis
- Structural steelwork
- Balustrades



Interpon polyester topcoat

Interpon PZ Primer

Sharp edged blast-cleaned steel

World Leader in Powder Coatings

Interpon Powder Coatings are produced and marketed by AkzoNobel, the world's largest supplier of powder coatings. Our philosophy is to understand our customers' needs and supply them with high quality products and value-added services. When it comes to high performance powder finish coatings there is no better choice than Interpon Powder Coatings.



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powder coatings
EVERY COLOR IS GREEN

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