

Industrial Components

General and Heavy Industry Production



International OEM 3200 Series

Worldwide Experience focused across Local Industrial Markets

Akzo Nobel's International Protective Coatings business offers a technologically driven product range to protect metal equipment and machinery in a wide range of environments and industries. With a core range of products and support network available worldwide, our partners receive consistent product, supply and service quality regardless of location.

Specially Designed for

- Power Generation and Distribution
- Mining and Minerals
- Oil and Gas
- Chemical Processing
- Water and Wastewater
- Port Machinery
- Manufacturing Machinery

As a global organisation we can supply coatings from a number of worldwide manufacturing locations through our local distribution networks straight to your production location.

As well as our track record in worldwide projects, our global product range ensures that you can have confidence in receiving a consistent quality of product and service wherever and whenever you need it.



Increase your Productivity with High Solids Coatings Solutions. Interested?

We have been thinking differently about your productivity with the OEM 3200 Product Series.

As a Direct-to-Metal (DTM) primer finish product package, the OEM 3200 Product Series consists of one coat DTM accelerated polyurethane, Interthane 3230, which hard dries in 90 minutes at 40°C and one coat DTM polyaspartic, Intercure 3240, that hard dries in only 2 hours at 25°C, providing excellent anticorrosive protection and long lasting aesthetics.

As a single coat, high solids Interthane 3230 and Intercure 3240 can replace two coat systems for general industrial environments, increasing your productivity and reducing solvent emissions compared to typical two layer systems.

General and Heavy Industry Production

- Pumps, valves, actuators, flow meters
- Gearboxes and other transmission units
- Cranes
- Bulk material handling equipment
- Robotic arms and machine components
- Windmill turbine components
- Generators
- Transformers



Material Handling

Bulk Material

International Paint has developed knowledge of coating requirements specific to the power and mining industries through years of experience unrivalled by our competitors. Close relationships with screen, crusher and conveyor manufacturers has enabled us to understand the impact, abrasion and corrosion resistance needs, as well as temperature resistance requirements in some cases. Our products will keep your equipment in service longer helping you to meet the demands of your biggest customers by preventing breaks in production caused by coating failures.

Environment	System	Technology	Product	Total Dry Film Thickness
General Industrial	Single Coat	Polyurethane or Polyaspartic	Interthane 3230 or Intercure 3240	100–150µm
	Two Coat	Epoxy ZnP or Epoxy Zinc Rich Polyurethane or Polyaspartic	Intergard 3210 or Interzinc 52 Interthane 3230 or Intercure 3240	120–200µm
ISO12944 C3	Single Coat	Polyaspartic	Intercure 99 or Intercure 4500	200µm
	Two Coat	Epoxy ZnP or Epoxy Zinc Rich Polyurethane or Polyaspartic	Intercure 200HS or Interzinc 52 Interthane 3230 or Intercure 3240	
ISO12944 C4	Two Coat	Epoxy ZnP Polyurethane or Polyaspartic	Intercure 200HS or Interzinc 52 Interthane 3230 or Intercure 3240	240–280µm
	Three Coat	Epoxy Zinc Rich Epoxy MIO Polyurethane	Interzinc 52 Intergard 475HS Interthane 3230	
ISO12944 C5	Three Coat	Epoxy Zinc Rich Epoxy MIO Polyurethane	Interzinc 52 Intergard 475HS Interthane 3230	280–320µm



Temperature Resistance for Ash Handling in Power Plants

Environment	Service Temp °C	Technology	Product	Total Dry Film Thickness
ISO12944 C3	120°C	Pure Epoxy Acrylic Polyurethane	Intershield 300 Interthane 3230 or Interthane 990	160–200µm
ISO12944 C4/C5	120°C	Epoxy Zinc Phosphate Polyurethane or Polyaspartic	Intershield 300 Interthane 3230 or Interthane 990	240–280µm
ISO12944 C3/C4/C5	230°C	Epoxy Phenolic	Intertherm 228	200–250µm

Cranes



Environment	System	Technology	Product	Total Dry Film Thickness
Indoor Overhead Crane	Single Coat	Polyurethane or Polyaspartic	Interthane 3230 or Intercure 3240	100–150µm
Construction & Outdoor Overhead Crane	Single Coat	Polyaspartic	Intercure 99	160–200µm
	Two Coat	Epoxy Zinc Phosphate Polyurethane or Polyaspartic	Intergard 3210 Interthane 3230 or Intercure 3240	
Port Material Handling Cranes & Offshore Cranes	Three Coat	Epoxy Zinc Rich Epoxy MIO Polyurethane	Interzinc 109 or Interzinc 52 Intergard 475HS Interthane 3230	280–320µm

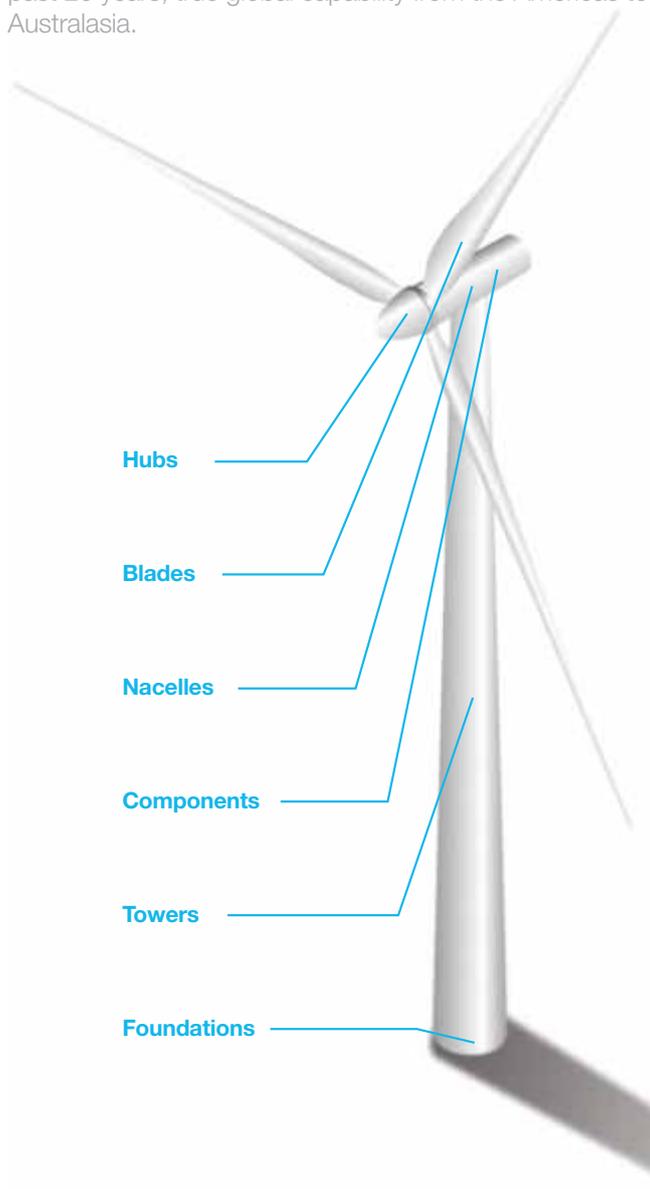
Robotic Arms and Machine Components



Environment	System	Technology	Product	Total Dry Film Thickness
Manufacturing Industry	Single Coat	Polyurethane or Polyaspartic	Interthane 3230 or Intercure 3240	80–150µm
	Two Coat	Epoxy Zinc Phosphate Polyurethane or Polyaspartic	Intergard 3210 Interthane 3230 or Intercure 3240	120–200µm

Windmill Turbines and Components

We have been involved in the wind industry from the very beginning, giving us the technical know how to provide the best coating solutions. Backed up by a track record which includes coating over 40,000 turbines worldwide over the past 20 years; true global capability from the Americas to Australasia.



Hubs

Blades

Nacelles

Components

Towers

Foundations



Interzone 954

The star of the International Paint offshore range is Interzone 954. A favourite of specifiers and applicators alike, it has been protecting steel for over 25 years; the trusted industry solution for protecting and maintaining structures operating in the most severe environments.

A unique blend of properties gives Interzone 954 long term performance in environments that combine a high potential for mechanical damage, chemical attack, atmospheric corrosion and immersion conditions. This versatility makes Interzone 954 the all-round heavy duty coating of choice.



Intercure 99/4500

Our high performance Intercure 99/4500 primer finishes can vastly improve your productivity. Excellent anti-corrosion and aesthetic properties allow you to replace a two coat system for ISO12944 C3 environments with a single coat. Productivity is further enhanced with hard dry times as low as two hours at 25°C (77°F).

Rapid cure even at low temperatures

A feature of Intercure 99/4500 is its rapid cure even at low temperatures. This maximises productivity, allows use in colder climates and reduces the need for forced drying equipment, meaning facilities can cut heating costs and reduce environmental impact.

Benefits throughout the contract chain

Whether you're an applicator, contractor or owner, in today's competitive market it is essential that you make the most of your assets, delivering on time and without compromise. Intercure 99/4500 has been engineered to boost productivity while offering outstanding performance; maximising output from paint shops, allowing contractors to meet deadlines and giving owners long term corrosion protection.

Lower VOC emissions

High solids and low VOCs in Intercure 99/4500, combined with a reduction in the number of coats required can help to reduce overall VOC emissions.

Transformers

As a global leader in performance coatings, Akzo Nobel International Paint design high performance coating systems to last many years in different environments. Through decades of innovation and technology progress we are able to provide high quality corrosion protection systems. As part of our commitment to lowering their environmental impact, we offer the following high solids low VOC coating solutions for the protection of transformers.

Interline 399

Transformer Oil Immersion Service for Tank Internals

A high performance, highly crosslinked two component epoxy novolac tank lining, with excellent heat and transmission oil resistance.



Environment	Technology	Total Dry Film Thickness	Scheme	Volume Solids/Technology
ISO12944 C3	Interseal 1052 Interthane 3230	1 x 110µm 1 x 60µm	Primer Topcoat	83% Epoxy 70% Acrylic Polyurethane
ISO12944 C4	Interseal 1052 Interthane 3230	1 x 220µm 1 x 60µm	Primer Topcoat	83% Epoxy 70% Acrylic Polyurethane
ISO12944 C4	Interzinc 52 Interseal 1052 Interthane 3230	1 x 50µm 1 x 130µm 1 x 60µm	Primer Intermediate Topcoat	59% Epoxy Zinc Rich (80% w/w Zinc Dust) 83% Epoxy 70% Acrylic Polyurethane
ISO12944 C5	Interzinc 52 Interseal 1052 Interthane 3230	1 x 60µm 1 x 160µm 1 x 60µm	Primer Intermediate Topcoat	59% Epoxy Zinc Rich (80% w/w Zinc Dust) 83% Epoxy 70% Acrylic Polyurethane



Gearboxes, Pumps, Valves, Actuators and Flow Meters

International Protective Coatings deliver advanced coatings solutions for increased productivity together with cost effective whole life performance. We offer one-stop shop for equipment manufacturers who design gearboxes, pumps, valves, actuators, flow meters... etc and require paint for general industrial end uses or onshore/offshore high corrosive environments.

Environment	System	Technology	Product	Total Dry Film Thickness
General Industrial	Single Coat	Alkyd or Polyurethane or Polyaspartic	Interlac 3220 or Interthane 3230 or Intercure 3240	100–150µm
	Two Coat	Epoxy ZnP or Epoxy Zinc Rich Polyurethane or Polyaspartic	Intergard 3210 or Interzinc 52 Interthane 3230 or Intercure 3240	120–200µm
ISO12944 C3	Single Coat	Polyaspartic	Intercure 99	200µm
	Two Coat	Epoxy ZnP or Epoxy Zinc Rich Polyurethane or Polyaspartic	Intercure 200HS or Interzinc 52 Interthane 3230 or Intercure 3240	
ISO12944 C4	Two Coat	Epoxy ZnP Polyurethane or Polyaspartic	Intercure 200HS Interthane 3230 or Intercure 3240	240–280µm
	Three Coat	Epoxy Zinc Rich Epoxy MIO Polyurethane	Interzinc 52 Intergard 475HS Interthane 3230	
ISO12944 C5	Three Coat	Epoxy Zinc Rich Epoxy MIO Polyurethane	Interzinc 52 Intergard 475HS Interthane 3230	280–320µm



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