

## Specialty Powder Coating Primers



Without adequate anti-corrosion protection, in harsh environments steel and other metal substrates can corrode or rust prematurely leading to high maintenance costs or the need for complete product replacement.

Specialty primers and surfacers from **Boresi** Powder Coatings provide an anti-corrosion solution for metals whilst delivering all the proven benefits of powder coatings. The range of specialty primers and surfacers from Fortecote<sup>TM</sup> Powder Coatings includes **Fortecote<sup>TM</sup> MetaPrep<sup>TM</sup>**, **Fortecote<sup>TM</sup> PZ550 MetaZinc<sup>TM</sup>** and **Fortecote<sup>TM</sup> PZ 770**.

**Fortecote<sup>TM</sup> MetaPrep<sup>TM</sup>** is a powder coating barrier primer and surfacer, especially suited for correctly pre-treated porous metal substrates such as HDG steel and alloy castings as well as steel and aluminium.

**Fortecote<sup>TM</sup> PZ550 MetaZinc<sup>TM</sup>** is an advanced powder coating primer rich in zinc that has been developed by our global technology centre. **Fortecote<sup>TM</sup> PZ550 MetaZinc<sup>TM</sup>** is designed to provide enhanced corrosion protection of abrasive blast-cleaned steel.

**Fortecote<sup>TM</sup> PZ 770** is the premier powder coating primer rich in zinc that has been developed from unique AkzoNobel technology to enhance its active anticorrosion performance. **Fortecote<sup>TM</sup> PZ 770** is designed to deliver ultimate corrosion protection of abrasive blast-cleaned steel.

### **BENEFITS OF Fortecote<sup>TM</sup> Specialty Primers:**

- ▲ Cost effective primer solutions
- ▲ Demonstrated protection against corrosion and rust
- ▲ Tough and durable – high resistance to damage
- ▲ Improved edge and weld coverage for greater substrate protection
- ▲ Systems available for either porous or non-porous metal substrates
- ▲ Ease of application – spray as conventional powder coatings
- ▲ Compatible with a wide range of topcoats
- ▲ Environmentally friendly (no volatile organic solvents)
- ▲ **Fortecote<sup>TM</sup>** specialty primers and surfacers are brought to you by Akzo Nobel, the world leader in powder coatings.



**AkzoNobel**  
Tomorrow's Answers Today



WORLD LEADER IN POWDER TECHNOLOGY

# fortecote™ Barrier Primer and Surfacer – Fortecote™ MetaPrep™

## Fortecote™ MetaPrep™

Enhanced corrosion performance of metallic and porous metallic substrates in hazardous environments is offered by the two coat **Fortecote™ MetaPrep™** System – **Fortecote™ MetaPrep™** and **Fortecote™** topcoat.

## BENEFITS OF Fortecote™ MetaPrep™

- ▶ **Fortecote™ MetaPrep™** is available in a Gold and Grey shade complimenting topcoat application.
- ▶ **Fortecote™ MetaPrep™** primer can be applied with standard application equipment and is suitable for recovery and recycle, coverage rates are maintained at levels comparable with standard powders
- ▶ **Fortecote™ MetaPrep™** primer produces a smooth surface finish which provides an excellent surface for high quality topcoats



## Recommended End Uses\*

- ▶ HDG steel fabricated products and fencing
- ▶ Aluminium pool fencing (particularly salt water pools)
- ▶ Pre-galvanised steel fabricated products and fencing
- ▶ Aluminium and diecast balustrading and lacework
- ▶ Alloy wheels and other diecast alloy products
- ▶ Architectural metal work
- ▶ Playground equipment
- ▶ Lampposts and other street furniture

\* Preparation in accordance with AS4506-2005.

# fortecote™ Active Zinc Anticorrosive Primers

## – Fortecote™ PZ 770 and Fortecote™ PZ 550 MetaZinc™

### Fortecote™ PZ 770 Premier Zinc Anticorrosive Primer

Ultimate anti-corrosion protection of steel is provided by the two coat **Fortecote™ PZ 770** System combined with an **Fortecote™** topcoat over abrasive blast cleaned steel to SA2.5.

#### BENEFITS OF Fortecote™ PZ 770

- ▶ **Fortecote™ PZ 770** primer demonstrates ultimate anticorrosion when tested in severe marine environments.
- ▶ **Fortecote™ PZ 770** primer has an extensive anti-corrosion track record performance worldwide.
- ▶ **Fortecote™ PZ 770** primer demonstrates excellent hold out and edge protection

### Fortecote™ PZ 550 MetaZinc™ Advanced Zinc Anticorrosive Primer

Premium anti-corrosion protection of steel is provided by the two coat **Fortecote™ PZ 550 MetaZinc™** System combined with an **Fortecote™** topcoat over abrasive blast cleaned steel to SA2.5.



#### Recommended End Uses\*

- ▶ Steel furniture
- ▶ Architectural metalwork
- ▶ Structural steelwork
- ▶ Fencing
- ▶ Balustrading
- ▶ Steel Security Products
- ▶ Lampposts and other street furniture

\* Preparation in accordance with AS4506-2005.

# Care & Maintenance of **fortecote**<sup>™</sup> Powder Coatings

Maintaining the good looks of your powder coated products is just like caring for your car – and is a smart way to protect your investment. Over time with exposure to the elements, powder coatings may show signs of weathering such as loss of gloss, chalking and slight colour change. A simple regular clean will minimise the effects of weathering and will remove dirt, grime and other build-up detrimental to all powder coatings.

The frequency of such cleaning will depend on many factors including the:

- ▲ Geographical location of the building.
- ▲ Environment surrounding the building e.g. marine, industrial, alkaline or acidic, etc.
- ▲ Levels of atmospheric pollution including salts.
- ▲ Prevailing winds and the possibility of air borne debris causing erosive wear of the coating e.g. sand causing abrasion.
- ▲ Protection of part or all of the building by other buildings.
- ▲ Change in environmental circumstances during the lifetime of the building e.g. if rural became industrial.

Cleaning should start at the time the products are installed, ensuring that construction materials such as concrete, plaster and paint splashes are removed before they have a chance to dry. Failure to remove these materials at this early stage will require the use of aggressive cleaning materials and techniques with potential damage to the powder coated surface.

The best method of cleaning is by regular washing of the coating using a solution of warm water and non-abrasive, pH neutral detergent solution. Surfaces should be thoroughly rinsed after cleaning to remove all residues. All surfaces should be cleaned using a soft cloth or sponge or a soft natural bristle brush. Cleaning of powder coated sections can be conveniently carried out at the same time as window cleaning.



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