



phoenix 
fire protection

PRIMERS, BASECOATS & TOPSEALS

For the protection
of structural steel

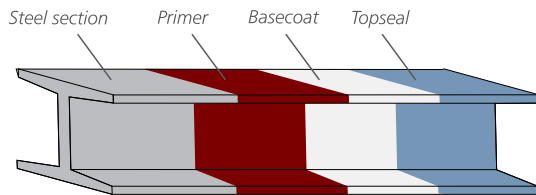


PRIMERS, BASECOATS & TOPSEALS

For the protection of structural steel

WELCOME TO PHOENIX FIRE PROTECTION

Phoenix Fire Protection Group encompasses over 30 years experience in the design, testing and manufacture of corrosion and fire protection coatings for use on structural steelwork.



This knowledge has enabled the company to produce a wide range of coatings that will provide Architects & Engineers with realistic solutions to the potential problems caused to steel structures by corrosion and fire.

The Phoenix range of Primers, Intumescent Basecoats and Topseals ensures that the above requirements can be met from a single manufacturer, providing clients with unique solutions and more importantly realistic and meaningful warranties.

With offices in the UK, Dubai and Hong Kong and manufacturing plants in Europe and Asia Pacific complying with the highest standards of ISO 9001 and ISO 9014 respectively, Phoenix can provide you with the expertise necessary to write appropriate specifications at design stage that will be followed throughout the project until the products have been applied successfully at site through our network of approved contractors. In addition, Phoenix will provide support at site to clients through our Contract Support Team.

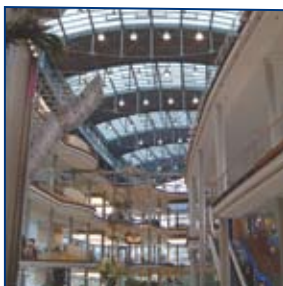
We look forward to working with you and your team on your next project.



*The Peak Tower
- Hong Kong*



Ricoh Arena - U.K.



Mercedes Benz H.Q. - Berlin



New Qatar Exhibition Centre



*L.C.K. Noise Barrier
- Hong Kong*



Sheikh Khalifa Sports Stadium - Bahrain

PHOENIX PRIMERS RANGE

It is important to understand that for any performance product to function properly the application of the material is as important as the product itself. If products are applied onto incorrectly prepared substrates then problems will occur which is why surface preparation and the correct choice of corrosion protection coatings is vital to ensure optimum performance of the coating system.

Our range of Primers has been specifically designed to provide competitive products that can be applied to both Galvanized Steelwork and Non Galvanized Steelwork that will ensure the required levels of corrosion protection, whilst providing compatibility with our Intumescent basecoats.



Phoenix Metaguard ZRP: Zinc Rich Primer

- Two Component Polyamide cured epoxy based Zinc Rich Primer
- Contains more than 80% Zinc Metal in Dry Film
- Quick Drying and can be over coated within a short drying interval
- Can be used as an alternative to Galvanized Protection



Phoenix Metaguard ZP: Zinc Phosphate Primer

- Two Component Polyamide cured epoxy Zinc Phosphate Primer
- Excellent adhesion to both ferrous and non-ferrous metal substrates
- Can be used as intermediate coat over zinc rich primers
- Can be top-sealed with variety of products
- Excellent corrosion protection
- Free of lead and Chromate compounds



Phoenix Metaguard NFM: Non Ferrous Metal Primer

- Two Component Polyamide cured epoxy primer/tie coat for non ferrous metal such as aluminium, galvanized steel and stainless steel
- Excellent adhesion to non ferrous metal substrates
- Can be used as Intermediate Coat in epoxy coating system
- Can be top-sealed with polyurethane and a variety of other products



Phoenix Metaguard MIO: Micaceous Iron Oxide Primer / Intermediate Coat

- Two Component Polyamide cured epoxy micaceous iron oxide pigmented coating which can be used as a primer/sealer, intermediate or finish coat
- Excellent adhesion to properly prepared substrates as well as substrates coated with epoxy based primer
- Extremely useful as intermediate coat over both organic and inorganic zinc primer
- Excellent adhesion to properly pre-treated galvanized steel
- Excellent weathering resistance

PHOENIX BASECOAT RANGE

Our range of water based basecoats have been designed to be applied both on-site and off-site to achieve up to 2 hrs fire resistance in accordance with BS476: Part 21.

The low dry film thickness requirements ensure that steelwork can be used as a feature of the design whilst providing a competitive solution to meet the necessary levels of fire protection:



Phoenix 167

- Water Based Intumescent Coating designed for Hollow Section Steelwork
- Provides 30, 60 & 90 minutes Fire Resistance
- Independently tested and approved to BS476 Part 21: 1987
- Low DFT / Single Coat Applications



Phoenix 168

- Water Based Intumescent Coating designed for I Section Steelwork
- Provides 30, 60 & 90 minutes Fire Resistance
- Independently tested and approved to BS476 Part 21: 1987
- Low DFT / Single Coat Applications



Phoenix 700-60

- Water Based Intumescent Coating designed for both I & Hollow Section Steelwork
- Provides 30, 60 & 90 minutes Fire Resistance
- Independently tested and approved to BS476 Part 21: 1987
- Low DFT / Single Coat Applications



Phoenix 270

- Water Based Intumescent Coating designed for both I & Hollow Section Steelwork
- Provides 30, 60, 90 & 120 minutes Fire Resistance
- Independently tested and approved to BS476 Part 21: 1987
- Competitive DFT for I sections



Phoenix 270-120

- Water Based Intumescent Coating designed for both I & Hollow Section Steelwork
- Provides 90 & 120 minutes Fire Resistance
- Independently tested & approved to BS476 Part 21: 1987
- Large range of Sections for 120 minutes Fire Resistance
- Competitive DFT for all sections

PHOENIX TOPSEALS RANGE

With any coating system it is essential to ensure that as much importance is paid to the topseal as that of the primer as they are both the main forces of defence and protection that allow the system to function as planned.

Our range of topseals have been designed to provide durability to both internal and external steelwork together with providing compatibility with our basecoats whilst enabling the client the design freedom of being able to choose from a wide range of colours.



Phoenix WBT

- Single component water based Topseal
- Fast drying with very good cleanability
- Excellent Alkaline resistance
- Very good fungus and algae resistance
- Very low dirt pick up.



Chanel Tower - Hong Kong



Phoenix APT

- Two-component Acrylic / Aliphatic Polyurethane Topseal
- Excellent durability to most type of atmospheric exposures
- Excellent colour & gloss retention
- Excellent water and chemical resistance
- Excellent UV and weathering resistance
- Specially formulated for use with all Phoenix waterborne basecoats



Disneyland, Resort & Theme Park - Hong Kong

TESTINGS & APPROVALS

All of the range of Phoenix basecoats have been independently tested and approved to BS476: Part 21 at NATA approved laboratories and assessed by the worlds leading consultants such as WFRC, BRE and IFC Group.

Our manufacturing plants are also inspected by such laboratories and consultants on a regular basis together with the data that we provide to customers as part of our Third Party Certification which we have for all our products.



Carrefour Shopping Mall - Qatar



Cologne Airport





SETTING NEW STANDARDS IN STRUCTURAL FIRE PROTECTION

U.K.

U.A.E.

HONG KONG

www.phoenixasia.com.hk