

DESCRIPTION:

Phoenix Intumescent Interior Coating Systems are fire resistant coatings, designed to protect various substrates from fire by developing a thick char barrier when exposed to high temperatures or flame. In a fire situation the intumescent coating can expand up to 50 times its original thickness.

Phoenix Intumescent Coating Systems are capable of providing a fire resistant barrier on structural steel for up to 120 minutes structural protection in the event of a fire.

All intumescent coatings must be treated as a passive fire protection system, not simply as a paint. It is the building owner's responsibility to ensure the ongoing integrity of the system with regular inspections, maintenance and repair of the substrate and coating as required.

LIVING WITH YOUR PHOENIX INTUMESCENT PAINT SYSTEM:

It is essential that your Phoenix passive fire coating system is maintained and that any subsequent damaged surfaces are repaired, noting that minor scratches and surface imperfections are acceptable. Annual inspections are recommended.

Intumescent coatings in wet areas, semi exposed locations to wind-blown moisture or areas of high humidity should be top coated to protect the intumescent coating from moisture.

MAINTENANCE:

Zone Architectural Products recommend annual inspections of the applied product to identify any damage that may affect the integrity of the fire system.

Where the coating has a hole or imperfection greater than 3 centimeters in diameter, or where any delamination of the original coating is apparent, make good the damaged area by scraping back any loose paint, treat and spot prime any rust, sand back edges (using sandpaper of 180 - 220 grit and always wear a dust mask) and re-coat the affected area with the Phoenix intumescent system as originally applied to the minimum Dry Film Thickness (DFT) specified. Note that intumescent coatings should always be applied directly over the primer or existing intumescent, and not over previously applied top coats which can interfere with the reaction in a fire. If you are unsure about the specified DFT, please call Zone Architectural Products.

Where repair works are required the OWNER MUST CONTACT A ZONE ARCHITECTURAL PRODUCTS APPROVED APPLICATOR to carry out the works. A list of approved applicators is available from Zone Architectural Products.

FUTURE OWNERS:

Please ensure that future owners of your property are made aware of the Phoenix passive fire protection system and this guide.

QUESTIONS AND ANSWERS:

Q: Can I paint over the Phoenix system?

A: Yes. If you are repainting to freshen up or to change colours you can paint over the Phoenix Intumescent Coating Systems system using a high quality acrylic or polyurethane paint.

Q: How long does the system last before I need to replace it?

A: The Phoenix Intumescent Coating system will maintain its integrity as a passive fire system as long as the top coat and substrate are maintained.

Q: Does moisture impact the Phoenix Intumescent Coating system?

A: Yes. While a top coat provides protection, damage can occur if the system becomes exposed to moisture constantly over an extended period. Moisture damage is evidenced by the coating becoming 'slimy' (soft to touch and malleable). Remediation will be required in this instance, and involves removal of affected coatings and reapplication of the original system, and may include an upgraded urethane top coat to protect from moisture.

Q: Do small chips and scratches effect the performance of the system?

A: No, due to the foaming nature of the product minor chips and scratches in the system will not affect the integrity of the fire system. Holes larger than 3cm that penetrate completely through the coating to the primer should be repaired. Where repair works are required the OWNER MUST CONTACT A ZONE ARCHITECTURAL PRODUCTS APPROVED APPLICATOR to carry out the works. A list of approved applicators is available from Zone Architectural Products.

Q: Can I clean the surfaces?

A: Yes. Refer to the appropriate top coat manufacturers maintenance guides for cleaning instructions. Surfaces without a topcoat should only be cleaned gently with a clean, lightly dampened (not wet) cloth.

Q: If the substrate is damaged (e.g. small water leak in one corner) and a section of the substrate needs repairing, can I have to re paint the affected area only?

A: Yes. Once the substrate has been repaired, a Zone Architectural Products approved applicator will re-coat the repaired area with the originally specified thickness of Phoenix Intumescent Coating System. Contact Zone Architectural Products for a list of approved applicators.

If you have any questions please contact Zone Architectural Products on 0800 508 800 or email your enquiry to info@zone.net.nz.