



## OWNER'S GUIDE

### FireZone™ 52

#### DESCRIPTION:

FireZone 52 is a water-based fire resistant coating system, designed to protect various substrates from fire by developing a thick char barrier when exposed to high temperatures or flame. In a fire situation FireZone 52 can expand up to 100 times its original thickness.

FireZone 52 is capable of providing a fire resistant barrier on a variety of substrates, including plasterboard, fibrous plaster, lath and plaster, pressed metal, concrete, timber and fibre cement sheeting.

The FireZone 52 system is designed to slow down and limit the spread of flame. This system 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 FireZone 52 intumescent paint system

It is essential that your FireZone 52 passive fire coating system is maintained and that any subsequent penetrations are properly fire rated. Annual inspections are recommended.

To protect the FireZone 52 passive fire system, all ceilings in wet areas or areas of high humidity (eg. kitchen, bathroom, laundry etc) must be top coated to protect the FireZone 52 system from moisture. It is recommended that all other areas should be top coated with ceiling paint or a washable acrylic paint - unless specified otherwise.

#### MAINTENANCE:

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

Where the coating has a hole or imperfection greater than 1 centimeter but less than 3 centimeters in diameter, make good the damaged area by scraping back any loose paint, fill imperfections with appropriate filler, sand back edges and recoat the affected area with the FireZone 52 to the Dry Film Thickness (DFT) originally specified. If you are unsure about the specified DFT, please call Zone Architectural Products.

Using sandpaper of 180 - 220 grit and always wear a dust mask.

Where a hole or imperfection is greater than 3 centimeters in diameter, repair the substrate first and then sand, feather all edges and recoat with the FireZone 52 to the DFT originally specified.

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 FireZone 52 fire system and this guide.

## **QUESTIONS AND ANSWERS:**

**Q:** Can I paint over the FireZone 52 system?

**A:** Yes. If you are repainting to freshen up or to change colours you can paint over the FireZone 52 system using a high quality acrylic paint.

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

**A:** The FireZone 52 system will maintain its integrity as a passive fire system so long as the top coat and substrate are maintained. Standard maintenance to the top coat to top coat manufacturers' instructions and the repair and remediation of damage to the affected area of the FireZone52 system and or substrate is in line with remediation of any coating.

**Q:** Does moisture impact the FireZone 52 system.

**A:** Yes. The system is not designed for wet environments or external use. While a top coat provides protection, damage will occur if the system becomes wet or damp 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.

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

**A:** No, due to the foaming nature of the product small chips and scratches in the system will not affect the integrity of the fire system. Holes larger than 3cm that penetrate completely through the system 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 (eg 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 recoat the repaired area with the originally specified thickness of FireZone 52. A top coat is then applied in accordance to the top coat manufacturers' guidelines. 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](mailto:info@zone.net.nz).