

FC101

Intumescent Coating Repair Filler

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Description

FC101 is a two component, high build filler based on hybrid intumescent technology



Features and Benefits

- Maintains the integrity of the original coating even after the repair
- Fast cure properties to reinstate the original material
- Suitable for treating scratches, grazes, indentations and minor abrasions

Usage Purpose

FC101 can reinstate the fire rating to Nullifire coatings where minor damage has occurred. The filler may be used on Nullifire SC900 and SC800 series of intumescent coatings.

Packaging

Part A and Part B supplied as a 4.7kg kit.
(Part A 4.2kg and Part B 0.5kg)

Available Colour

White

Storage

Store between +5°C and +35°C in dry conditions.

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Technical Characteristics

Average Drying Times (DFT & Temp)	Drying times will vary depending on application method, temperature, humidity, drying conditions and film thickness. Allow 24 hours for FC101 DFT's under 3mm and 48 hours for FC101 DFT's higher than 3mm if topcoating is required.
Mix Ratio	Only mix in full units supplied as a kit
Working Life	60 minutes @ 23 degrees after mixing

Substrate Preparation

For SC800 series only, damaged areas should not exceed 3000mm² (54 mm x 54 mm) and is dependent upon the nature of the damage to be repaired. There is no such restriction with SC900 series.

For minor scratches to the Steel Coating, which has not been topcoated and where there is no damage to primer, then the only preparation required is to abrade any material, which is proud of the Steel Coating surface and to ensure that the surface is clean and free from contaminants prior to applying the FC101.

Where the damage is more severe, resulting in damage to the primer system exposing bare steel (particularly in external and humid internal conditions), then the primer should be touched up with a suitable compatible primer and allowed to dry, prior to application of FC101. It may be necessary to remove a further area of Steel Coating surrounding the exposed steel to facilitate primer touch-up depending on the scale of damage.

Where damage occurs to Steel Coating, which has been topcoated, but where damage does not penetrate through the primer to the steel surface, then the topseal should be abraded back to Steel Coating for a distance of 50-75 mm around the affected area. This is to eliminate the possibility of FC101 overlapping onto the topseal.

Necessary Tools

Paint brushes
Pallet knife
Filling knife
Scraper
Float
Window scraper
Sand paper (various grades)
Sanding block

Mixing

FC101 is supplied in two components and should be mixed in the amounts supplied until homogenous. FC101 should not be thinned prior to use.

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Application

Mix FC101 in full units and work into damaged area and leave slightly proud of the surrounding surface to allow abrading once fully cured back to a flush finish.

Once repaired, the topseal should be re-applied in accordance with the original specification.

Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

Health And Safety Precautions

Safety data sheet must be read and understood before use.

Flammable - keep away from open flames and other ignition sources.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400