

CI/SfB	Yu4	(K2)
CAW G12		
Uniclass JM61:L68116		

## Product Information

### Description

The SC900 Series repair kit enables seamless repairs to accidental damage in isolated areas in order to preserve fire integrity.

### Usage / Purpose

The SC900 Series Repair Kit enables long-term repairs to accidental damage caused to an SC901 or SC902 coating.

### Finish

Can be applied to a smooth matt finish. A compatible top seal can be applied if a decorative finish is required.

### Colour

Part A: White  
Part B: Translucent Black  
Mixed: Off-white  
Cured: Off-white

### Packaging

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

### Environmental Considerations

Low VOC and no solvent entrapment or prolonged solvent odour.

### Availability

Only available to Nullifire Specialist Contractors direct from Nullifire (see back of leaflet for address and telephone details).

## Usage Guidelines

### Surface Preparation & Priming

- If original surface was unprimed, then no primer is required.
- Any damaged primer will need to be spot repaired with a compatible approved system and allowed to dry.
- This may facilitate the further removal of a basecoat layer.
- All edges must be feathered to prevent isolated cracking once the repair is complete.

### Application Conditions

- The damaged area should not exceed 150 mm x 150 mm.
- Temperature should be above 0°C.

### Application Equipment

Paint Brushes (Various Sizes)  
Pallet Knife- Used for mixing materials  
Filling Knife- Used for applying Filler System  
Scraper- Used for removing loose materials  
Float- Used for filling and smoothing materials  
Window Scraper- Used for removing rough edges or protrusions  
Sand Paper (Various Grades)  
Sanding Block  
Nullifire SC900 Series Repair Kit  
Primer (As per original specification)  
Top Seal (As per original specification)

### Mixing

Mix the Part B into the Part A container using a pallet knife until a uniform colour is obtained. Always mix the whole container.

### Application

- To reinstate the basecoat to its original thickness use the most appropriate method for the size and type of damage.
- Mixed SC900 should be worked into the damaged area and let slightly proud of the surrounding surface to minimise work when cured.
- The SC900 will shrink by about 10% after application.

### Drying Times

- All areas should be allowed to dry as per the original SC901 or SC902 for a minimum of 4 hours.

### Application Advice

- It is recommended that for areas of high aesthetic appearance, further preparation is undertaken.
- This may involve using a window scraper to smooth out surface abrasions.
- SC900 repair filler can easily be sanded by hand or mechanical sander to provide a flat finish.

### Cleaning

Excess sealant can be cleaned or removed with soapy water before sealant skins. Clean spray equipment with soapy water and as per manufacturer instructions.

**Nullifire**  
Smart Protection

# SC900

## On-Site Intumescent Steel Coating Repair Kit

up to  
**120**  
mins



### Key Benefits Summary

- Allows high quality fast cure repairs to SC901 or SC902 coated surfaces
- Maintains the integrity of the original coating even after the repair
- Same fast cure properties as the original material
- Repairs can be done at low temperatures and are weather resistant
- Suitable for treating scratches, grazes, indentations and minor abrasions



# SC900

## Intumescent Steel Coating Repair Kit

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### Transportation

SC900 is compliant with the exemption for all shipping by road (ADR 2.2.3.1.5), as a Class 3 'flammable liquid' under the dangerous goods regulations.

### Maintenance & Repair

Damaged areas should be abraded back to a sound surface. The surface should then be clean and dry before re-applying. The SC900 repair kit should be used for repairing scratches and chips. Once repaired, the top seal should be re-applied. Refer to Nullifire System SC900 Maintenance Instructions.

### Specification

A tremco illbruck Representative will provide a specification for each project. tremco illbruck accepts no responsibility for defects arising from failure to follow the specification.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### Technical Service

tremco illbruck 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.

### Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, 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 illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

### Technical Data

Property	Result
Composition	A low VOC, high build formulation based on advanced hybrid technology
<b>Performance</b>	
Prohesion' Cyclic Corrosion test to ASTM G85:2009 Annex A5 At 1000 hours Maximum extent of undercut corrosion 6.00 mm from scribe mark Note: The above test was carried out on a primer-less steel substrate	
Certification	BS476 Part 2- 1987 and EN13381:Part 8
Building Classification	C1, C2 and C3 environments
<b>Properties (Typical Values)</b>	
Volume Solids	85% ±3%
VOC	137 g/litre
Mix Ratio	By weight 100:12 By volume 5.6:1
Theoretical Coverage	1,750 g/m <sup>2</sup> based on an applied 1.00 mm dry film thickness
Storage	Store in secure, dry warehouse conditions between +5°C and +35°C
Shelf Life	9 months when stored as recommended in original unopened container