

CI/SfB	(29)	Vv5	(K2)
CAW P10			
Uniclass JP10:L6811			

## Product Information

### Description

TS815 is a modified acrylic decorative top seal. It is primarily for use with Nullifire intumescent basecoats on internal or external steelwork.

### Usage / Purpose

Provides a top seal to protect the intumescent coating while also providing an outstanding aesthetic finish to the steelwork.

### Finish

Attractive gloss washable finish

### Colour

Available in white and limited RAL colours.

### Packaging

Supplied in 10 litre tins.

### Availability

Only available from Nullifire or approved Nullifire distributors overseas (see contact details for more information).

## Usage Guidelines

### Surface Preparation and Priming

- Ensure the basecoat surface is sound, dry, clean and free from dirt and grease.
- If necessary rub down with wet and dry abrasive paper and then wash down with clean water and allow to dry before applying topseal.

### Application Conditions

- This product simply requires the substrate temperature to be 3°C above the dew point.
- Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate.
- Special application techniques may be required above or below normal application conditions.

### Application Equipment

Airless spray equipment is recommended and should match these guidelines:  
Operating Pressure: 2150 – 2350 psi  
Tip Size: 17–21 thou depending on temperature.  
Hose: 10 mm I.D. (min.)

### Mixing

Power mix thoroughly. The product can be thinned with up to 10% thinner if required. Use only FC025 thinner. The product should be thoroughly stirred if necessary prior to use.

### Airless Spraying

The TS815 Top seal is generally applied as follows:

Internal use:

No. of Coats: 1

WFT (mm): 89 – 111 µm

DFT (mm): 40 – 50 µm

Exterior use:

No. of Coats: 2

DFT (mm): 80 –100 µm

Do not exceed 50 µm in a single coat.

### Brush / Roller Application

Brush and roller application is only recommended for small areas.

### Drying Times / Overcoating Times

Dry to Handle State	
Touch Dry	40 minutes@20°C
Hard Dry	3 days@20°C
Overcoating	8 hours@20°C

**Nullifire**  
Smart Protection

# TS815

**Modified Acrylic  
Top Seal  
Solvent Based**



### Key Benefits Summary

- Easy single coat application with excellent coverage
- VOC compliant to current AIM regulations
- Attractive gloss washable finish
- Available in a RAL colour range
- Tested with Nullifire basecoats to ensure compatibility

# TS815

## Modified Acrylic Top Seal

**Nullifire**  
Smart Protection

### Technical Data

Property	Result
Composition	A one-part modified acrylic top seal
Volume Solids	45% $\pm$ 2%
VOC	500 g/l as supplied
Coverage Rates	Theoretical Coverage: 9.0 m <sup>2</sup> per litre at 50 $\mu$ m. Certain colours may need an additional coat to give acceptable opacity.
Storage	Store in secure, dry warehouse conditions between +5°C and +35°C
Shelf life	24 months when stored as recommended in original unopened container

### Application Advice

Ensure that:

- The product specification is appropriate for your intended requirements.
- The basecoat is fully dried.
- The surface finish of the basecoat is suitable for overcoating.
- The correct dry film thickness (DFT) of basecoat has been applied before topsealing.
- The equipment is of correct specification.
- The site conditions and storage facilities are acceptable.
- You are fully conversant with the Application Instructions prior to use.

### Cleaning

Clean equipment with FC025 thinner supplied by Nullifire.

### Maintenance and Repair

- A decorative finish is provided by TS815 top seal and due to its purpose designed compatibility with other Nullifire basecoats, it is recommended that any maintenance is with the same product.
- Recoating with other generic sealer types may show incompatibility and could affect fire performance.
- For general redecoration the surface should be thoroughly washed with water. Damaged areas should be abraded back to a sound surface, preferably by wet abrasion.
- The surface should then be clean and dry before applying any further TS815 top seal. Typically, as with conventional coatings, inspection for redecoration is recommended every 3 – 5 years.

### 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..