KEY BENEFITS SUMMARY

- Fast cure, early weather resistance, shower proof within 1 hour
- Achieves external durability with an approved top seal
- Cures below 0°C and fully dry by the following day
- Self-priming system tolerant of light rusting to steel, up to 2 weeks post blasting
- High build potential with all ratings possible in one application
- Fire rating up to 120 minutes tested to BS476 and EN13381: Part 8

USAGE GUIDELINES

Surface Preparation
- No primer required for C1 & C2 environments.
- Steelwork should be blast cleaned in dry atmospheric conditions using abrasive of suitable type and size, free from fines, moisture and oil. Continue blasting until finish complies with Swedish Standard SIS 05 59 00, preparation grade SA 2.5 or ISO 8501-1.
- Coat blasted steel within 2 weeks.
- All surfaces to be coated should be clean, dry and free from loose friable materials and any other contaminants likely to impair adhesion.
- Compatible with aged 2 pack epoxy primers, minimum 3 months, or with surface preparation or an adhesion test.
- The system is not suitable for use over single pack primers.
- For use over galvanised surfaces or other substrates please contact Nullifire Technical Services.

Application Conditions
- Ensure adequate through ventilation during application
- Application temperature range -5°C to +35°C, relative humidity <95% and a steel surface temperature at least 3°C above Dew Point temperature.

Application Equipment
Graco Mark V or equivalent. RAC Switch Tip Orifice size 0.019 to 0.027 inches.

Application Advice
- Ensure all spray equipment is completely free from water prior to use, including spray gun, lines, pump and filter housing.
- Keep all product containers closed when not in use.
- Part B is moisture sensitive and should remain tightly closed before use.
- Always mechanically mix product in full pack volumes.
- Ensure the two components are thoroughly combined until a uniform colour is obtained and then mix for a further 2 minutes.
- The product should be spray applied at close proximity, approximately 600 mm from the surface, to avoid dusting and promote good surface coalescence.
- Use of additional solvent mixed into the material will assist in achieving a higher decorative finish. Please note this will affect the build characteristics.
- Use of a wet film gauge is essential.
- Ensure mixed material is used within 2 hours, ideally as soon after mixing as possible, at 15°C and 65% RH.
- Galvanised bolts, once degreased, can be coated with no further preparation.
- Damaged coatings can be trimmed to a feathered edge and the material troweled in one application.
- The applied product once cured can be easily finished to a high level, by sanding or tooling with either electrical or hand tools.
- Repairs can be carried out using SC900 Repair Kit.

Coverage Rates
Theoretical coverage of 1,750 g/m² based on an applied 1.00 mm dry film thickness.

Cleaning
Flushing of equipment should be carried out within 90 minutes of mixing the final kit using a non-flammable, low toxicity cleaning solution or a xylene based solvent flush. Do not use cleaning solutions containing alcohol or water.

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.
TOPSEAL REQUIREMENTS

<table>
<thead>
<tr>
<th>ETAG018: Part 2 Condition</th>
<th>Description of Environment</th>
<th>Example</th>
<th>Approved Topseals</th>
</tr>
</thead>
</table>
| X: Exposed (also qualifies for Y & Z) | Exposure to rain  
Exposure to UV  
Uncontrolled humidity  
Uncontrolled temperature | Fully external steelwork  
Exposed perimeter steel  
Open construction site | Required  
TS818 WPU  
(DFT = 100 μm)  
TS819 SPU  
(DFT = 84 μm) |
| Y: Semi-exposed (also qualifies for Z) | Uncontrolled humidity  
Uncontrolled temperature  
No exposure to rain  
Limited exposure to UV | Car park  
Undercrofts  
Areas under a canopy | Not required  
(consider other factors) |
| Z1: Humid internal (also qualifies for Z2) | Humidity over 85% RH  
Temperature above 0°C | Plant rooms, Basements,  
Warehouse and production | Not required  
(consider other factors) |
| Z2: Dry internal | Humidity below 85% RH  
Temperature above 0°C | Office, Hospitals, Schools,  
Airports | Not required  
Decorative only |

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>A low VOC, high build formulation based on advanced hybrid technology</td>
</tr>
</tbody>
</table>
| Performance                     | “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 |
| Properties (Typical Values)     |                                                                                                                                         |
| Specific Gravity                |                                                                                                                                         |
| Part A                          | 1.55 ±0.02                                                                                                                                |
| Part B                          | 0.99 ±0.01                                                                                                                                |
| Mixed                           | 1.46 ±0.02                                                                                                                                |
| Volume Solids                   | 85% ±3%                                                                                                                                   |
| VOC                             | 137 g/litre                                                                                                                                 |
| Viscosity                       |                                                                                                                                         |
| Part A                          | 140 ±20 Poise (Spindle 7 @ 50 rpm)                                                                                                       |
| Part B                          | 10 ±1 Poise (Spindle 7 @ 50 rpm)                                                                                                                                 |
| Mixed                           | 80 ±10 Poise (Spindle 7 @ 50 rpm)                                                                                                                                 |
| Pot-life                        | Minimum 60 minutes                                                                                                                         |

Transportation
SC901 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.

Disposal
Empty containers with minimal contamination from residual fully-cured material can be disposed of as non-hazardous waste. Any specific local authority regulations must be adhered to. In case of doubt, further advice should be sought from a specialist waste contractor.

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

Health & Safety Precautions
Product Health and Safety Data Sheets must be read and understood before use.

Technical Service
Nullifire 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 02476 855000.

Guarantee / Warranty
This information is offered in good faith but without guarantee or liability. In cases of doubt, users should consult with relevant authority. Information given herein is supplied for your guidance only and is based upon the results of controlled tests and experience obtained in the application of the product referred to by Nullifire. As the supplier only, Nullifire has no control over the method or conditions of application of the product and consequently no warranties expressed or implied are intended to be given as to the coverage or performance of the products mentioned or referred to herein and no liability will be excepted for any loss, damage or physical injury resulting from the use or application of the information, data or products mentioned or referred to herein.

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