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.

Nullifire recommends and have tested a number of primers depending on the application. Refer to the Approved Primer list from Nullifire Technical Services.

The system is not suitable for use over single pack primers and compatibility with 2 pack primers should be checked with Nullifire Technical Services.

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 the dew point.

Application Equipment
SPRAY EQUIPMENT
Graco XM Plural-Component Pump
Note: All equipment used in conjunction with this pump must be suitably pressure rated at 7000 psi.
Ratio: 5.6:1 by volume
Spraying Pressure: 3000-5000psi
Remote mix manifold conversion kit
In-line static spiral mixer (minimum of one)
Flush Pump recommended

SPRAY GUN & TIPS
WIWA 500F Spray Gun
XHD RAC Switch Tip Orifice size 0.019 to 0.023 inches
PART A HANDLING (Recommended)
Graco Monark 5:1 Air Powered Transfer Pump
Graco Heavy Duty Back Geared Drum Agitator

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
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.

Surface Preparation & Priming
- No primer required for C1 or 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.
- Nullifire recommends and have tested a number of primers depending on the application. Refer to the Approved Primer list from Nullifire Technical Services.
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Mixing
- Always mechanically mix product in full pack volumes.
- Ensure the two components are thoroughly combined until a uniform colour is obtained.

Application Advice
- Keep all product containers closed when not in use.
Technical Data

**Composition**
A low VOC, high build formulation based on advanced hybrid technology

**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

**Certification**
- Certifire CF5144, BS476 Part 20/21, EN1338: Part 6 & 8 and Cellular Beams YB5
- GOST Russian approval
- Australian standards AS4100 and AS1530
- Japanese standard JIS A1304
  - (for other certification requirements, contact Nullifire)

**Building Classification**
- C1, C2, C3, C4 and C5 environments

**Properties (Typical Values)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>Part A: 1.55 ±0.02</td>
</tr>
<tr>
<td></td>
<td>Part B: 0.99 ±0.01</td>
</tr>
<tr>
<td></td>
<td>Mixed: 1.46 ±0.02</td>
</tr>
<tr>
<td>Volume Solids</td>
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</tr>
<tr>
<td>VOC</td>
<td>137 g/litre</td>
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<tr>
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<tr>
<td>Shelf Life</td>
<td>12 months when stored as recommended in original unopened container</td>
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**Specification**
A Tremco CPG UK Limited Representative will provide a specification for each project. Tremco CPG UK Limited 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. 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 01322 551010.

**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.

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**Property Result**

**Composition**
A low VOC, high build formulation based on advanced hybrid technology

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Top Seal Requirements

Once DFT’s have been achieved as specified, either TS818 or TS819 Top Seals can be applied. Ensure the SC901 is completely cured before applying top seal.

<table>
<thead>
<tr>
<th>ETAG018: Part 2 Condition</th>
<th>Description of Environment</th>
<th>Example</th>
<th>Approved Topseals</th>
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<tbody>
<tr>
<td>X: Exposed (also qualifies for Y &amp; Z)</td>
<td>Exposure to rain Exposure to UV Uncontrolled humidity Uncontrolled temperature</td>
<td>Fully external steelwork Exposed perimeter steel Open construction site</td>
<td>Consult ETA or CPG UK Technical Department</td>
</tr>
<tr>
<td>Y: Semi-exposed (also qualifies for Z)</td>
<td>Uncontrolled humidity Uncontrolled temperature No exposure to rain Limited exposure to UV</td>
<td>Car park Undercroft Areas under a canopy</td>
<td>Not required (consider other factors)</td>
</tr>
<tr>
<td>Z1: Humid internal (also qualifies for Z2)</td>
<td>Humidity over 85% RH Temperature above 0°C</td>
<td>Plant rooms, Basements, Warehouse and production</td>
<td>Not required (consider other factors)</td>
</tr>
<tr>
<td>Z2: Dry internal</td>
<td>Humidity below 85% RH Temperature above 0°C</td>
<td>Office, Hospitals, Schools, Airports</td>
<td>Not required Decorative only</td>
</tr>
</tbody>
</table>