# **DECLARATION OF PERFORMANCE**

According to ANNEX III of the regulation (EU) N° 305/2011



No. SC803-20210105

1. Unique identification code of the product-type: Nullifire SC803

2. Intended use/es: Water based intumescent coating for steel protection

3. Manufacturer: TREMCO CPG UK Limited, Coupland Road, Hindley Green, Wigan, UK, WN2 4HT

4. Authorised representative: Not relevant [can be left out in case not needed; this will not appear in the final document]

5. System/s of AVCP: System 1

6a. Harmonised standard: (see point 2. Intended use/es)

6b. European Assessment Document: EAD 350402-00-1106

European Technical Assessment: ETA 20/1210

**Technical Assessment Body:** Element Materials Technology Rotterdam B.V. **Notified body/ies:** Element Materials Technology Rotterdam B.V. 2812

## 7. Declared performance/s:

SC803 Water based intumescent coating for steel optimized for 60 minutes fire resistance

Basic Work Requirement (BWR)	Performance	
Mechanical resistance and stability (BWR 1)		
None	Not relevant	
Safety in case of fire (BWR 2)		
Reaction to fire (EN 13501-1)	Class E with topcoats TS134, TS815, TS816	
Resistance to fire (EN 13501-2)	R90 (see annex A) ETA 20/1210	
Hygiene, Health and the Environment (BWR 3)		
Air Permeability (EN 1026:2000)	NPD	
Water Permeability (EAD 350141-00-1106)	NPD	
Release of dangerous substances	It does not contain such dangerous substances according to directive 67/548/EEC and regulation (EC) No.1272/2008 and SDGS "indicative list on dangerous substances"	
Basic Work Requirement (BWR)	Performance	
	VOC emission test results after 28 days: VOC <0.005mg/m3, SVOC <0.005mg/m3, R value 0	
Safety in Use (BWR 4)		
Mechanical Resistance and stability (EOTA TR001:2003)	NPD	
Resistance to Impact / movement (EOTA TR001:2003)	NPD	
Adhesion (EOTA TR001:2003)	NPD	
Protection against noise (BWR 5)		
Airborne Sound Insulation (EN10140-2 / EN ISO 717-1)	NPD	



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Energy, Economy and Heat Retention (BWR 6)		
Thermal Properties (EN 12664, EN 12667 or EN 12939)	NPD	
Water vapour permeability (EN ISO 12572 / EN 12086)	NPD	
General Aspects Relating to fitness for use		
Durability and Serviceability (EAD 350402-00-1106, section 2.2.5)	<ul> <li>Primer and topcoat compatibility</li> <li>Type Z2 durability</li> <li>Type Z1 durability</li> <li>Type Y durability</li> </ul>	
Identification (EAD350402-00-1106, Annex E)	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)	
Sustainable use of natural resources (BWR 7)		
Sustainable use of natural resources	NPD	

BWR = Basic requirement for construction work

NPD = No Performance Determined

#### 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

### Signed for and on behalf of the manufacturer by:

M. Liptrot, Operations Director

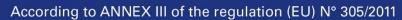
At Wigan on 05 January 2021

#### Annex:

According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006 (REACH), Annex II is available on the website to support this Declaration of Performance.



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TREMCO CPG UK Limited,

Coupland Road, Hindley Green, Wigan. WN2 4HT UK

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2812-CPR-GA5037

SC803-20210105

www.nullifire.com/SC803

EAD 350402-00-1106

ETA 20/1210

EN 13381-8

An acrylic water based intumescent coating for steel protection		
Essential Characteristic	Performance	
Safety in Case of Fire		
Reaction to fire	Class E with topcoats TS134, TS815, TS816	
Resistance to fire	R90 (see annex A) ETA 20/1210	
Hygiene, Health and Environment		
Air permeability	NPD	
Dangerous Substances	It does not contain such dangerous substances according to directive 67/548/EEC and regulation (EC) No.1272/2008 and SDGS "indicative list on dangerous substances"  VOC emission test results after 28 days: VOC <0.005mg/m³,  SVOC <0.005mg/m³,  R value 0 Declaration of manufacturer	
Safety in Use		
Mechanical resistance and stability	NPD	
Resistance to impact/movement	NPD	
Adhesion	NPD	
Protection Against Noise		
Airborne sound insulation	NPD	
Energy, Economy and Heat Retention		
Thermal properties	NPD	
Water vapour permeability	NPD	
General aspects relating to fitness for use		
Service & Durability	<ul> <li>Primer and topcoat compatibility</li> <li>Type Z2 durability</li> <li>Type Z1 durability</li> <li>Type Y durability</li> </ul>	
Identification (EAD350402-00- 1106, Annex E)	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)	

