

DECLARATION OF PERFORMANCE

According to ANNEX III of the regulation (EU) No. 305/2011

Nullifire
Smart Protection



No. SC803-20220107

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
& Carboline, Carrer Numància 185, Entresuelo, Barcelona, Spain, 08034
4. **Authorised representative:** Tremco CPG Netherlands B.V., Vlietskade 1032, NL-4241 WC, Arkel
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" |
| | VOC emission test results after 28 days: VOC <0.005mg/m ³ , SVOC <0.005mg/m ³ , 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 style="list-style-type: none">• Primer and topcoat compatibility• Type Z2 durability• Type Z1 durability• Type Y durability |
| 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 07 January 2022

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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| CE | |
|--|--|
| TREMCO CPG UK Limited, Coupland Road, Hindley Green, Wigan. WN2 4HT UK 20 2812-CPR-GA5037 SC803-202201075 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/m ³ , SVOC <0.005mg/m ³ , 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 style="list-style-type: none">• Primer and topcoat compatibility• Type Z2 durability• Type Z1 durability• Type Y durability |
| Identification (EAD350402-00-1106, Annex E) | Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR) |