

DECLARATION OF PERFORMANCE

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

Nullifire
Smart Protection

No. SC803-20180312

1. **Unique identification code of the product-type:** SC803
2. **Intended use/es:** Water based intumescent coating for steel protection
3. **Manufacturer:** tremco illbruck 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 18-0002
Technical Assessment Body: Warrington Certification Limited (UK)
Notified body/ies: 1121; Warrington Certification Limited (UK)
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 18-0002
Hygiene, Health and the Environment (BWR 3)	
Air Permeability (EN 1026:2000)	NPD
Water Permeability (ETAG 026-3 Annex C)	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)	
	VOC emission test results after 28 days: VOC <0.005mg/m ³ , SVOC <0.005mg/mg 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, Business Unit Director Sealants & Coatings



At Wigan on 17 April 2018

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 illbruck Limited, Coupland Road, Hindley Green, Wigan. WN2 4HT UK 18 1121-CPR-GA5037 SC803-20180312 www.nullifire.com/SC803	
EAD 350402-00-1106 ETA 18-0002 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 18/0002
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/mg 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)