

DECLARATION OF PERFORMANCE

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

Nullifire
Smart Protection

No. SC605-20220107

P1/3

1. **Unique identification code of the product-type:** Nullifire SC605
2. **Intended use/es:** Fire protect various sizes of structural steel
3. **Manufacturer:** TREMCO CPG UK Limited, Coupland Road, Hindley Green, Wigan, UK, WN2 4HT
4. **Authorized representative:** Tremco CPG Netherlands B.V., Vlietskade 1032, NL-4241 WC Arkel
5. **System/s of AVCP:** System 1
- 6b. **European Assessment Document:** EAD 350402-00-1106
European Technical Assessment: ETA 21/0683
Technical Assessment Body: Element Materials Technology Rotterdam B.V.
Notified body/ies: Element Materials Technology Rotterdam B.V. 2812
7. **Declared performance/s:**
SC605 Reactive coating for the fire protection of steel elements

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
Resistance to fire (EN 13501-2)	(R15 – R90) – IncSlow (I/H beams and columns) and (Rectangular/Square hollow beams) (R15 – R60) – IncSlow (Rectangular/Square and circular hollow columns) (see Annex A)
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	Has not been assessed
Basic Work Requirement (BWR)	
	Has not been assessed
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 (EAD 350402-00-1106, section 2.2.5)	Primer and topcoat compatibility Type X durability Type Y durability Type Z1 durability Type Z2 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 07.01.2022.

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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TREMCO CPG UK Limited, Coupland Road, Hindley Green, Wigan WN2 4HT UK 21 2812-CPR-GA5051 SC605-20220107 www.nullifire.com/SC605/	
EAD 350402-00-1106 ETA21/0683 EN 13381-8 Reactive Coating for the Fire Protection of Steel Elements	
Essential Characteristic	Performance
Safety in Case of Fire	
Reaction to fire	Class E
Resistance to fire	(R15 – R90) – IncSlow (I/H beams and columns) and (Rectangular/Square hollow beams) (R15 – R60) – IncSlow (Rectangular/Square and circular hollow columns) (see Annex A)
Hygiene, Health and Environment	
Air permeability	NPD
Dangerous Substances	Has not been assessed
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	Primer and topcoat compatibility Type X durability Type Y durability Type Z1 durability Type Z2 durability
Identification (EAD350402-00-1106, Annex E)	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)