

DECLARATION OF PERFORMANCE

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

Nullifire
Smart Protection



No. FF177-20150508

1. **Unique identification code of the product-type:**
FF177
2. **Intended use/es:**
Fire stopping and fire sealing products; For fire compartmentation and / or fire protection or fire performance.
3. **Manufacturer:**
tremco illbruck Productie B.V.
Vlietskade 1032
NL-4241 WC Arkel
5. **System/s of AVCP:**
System 1
- 6b. **European Assessment Document:** ETAG 026-3
European Technical Assessment: ETA 15/0172
Technical Assessment Body: Warrington Certification Limited (UK)
Notified body/ies: 1121; Warrington Certification Limited (UK)
7. **Declared performance/s**

PU-Foam (Nullifire FF177); intended use Linear Joint Seal in floor and wall constructions; for certain applications Nullifire FS711 can be used as coating to improve performance.

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)	EN 1366-4; see table "resistance to fire" below
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	Use Category IA1, SW3 Declaration of manufacturer
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
Energy, Economy and Heat Retention (BWR 6)	
Thermal Properties (EN 12664, EN 12667 or EN 12939)	NPD

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Basic Work Requirement (BWR)	Performance
Water vapour permeability (EN ISO 12572 / EN 12086)	NPD
General Aspects Relating to fitness for use	
Durability and Serviceability (EOTA TR 024:2009)	Y ²
Sustainable use of natural resources (BWR 7)	
Sustainable use of natural resources	NPD

BWR = Basic requirement for construction work

NPD = No Performance Determined

Resistance to fire (EN 13501-2)

Construction	Substrate	Foam Depth	Coating ¹⁾	Classification
Rigid floor (horizontal)	Aerated Concrete	150 mm	No	EI90 – H – X – F – W 00-30
Rigid floor (horizontal)	Aerated Concrete	150 mm	Yes	EI60 – H – X – F – W 00-40
Rigid wall (vertical)	Aerated Concrete	150 mm	No	EI90 – V – X – F – W 00-30
Rigid wall (vertical)	Aerated Concrete	150 mm	No	EI60 – V – X – F – W 31-40
Rigid wall (vertical)	Aerated Concrete	150 mm	Yes	EI240 – V – X – F – W 00-20
Rigid wall (vertical)	Aerated Concrete	100 mm	No	EI45 – V – X – F – W 00-30
Rigid wall (vertical)	Aerated Concrete	100 mm	Yes	EI180 – V – X – F – W 00-05
Rigid wall (vertical)	Aerated Concrete / Softwood	150 mm	No	EI180 – V – X – F – W 00-10
Rigid wall (vertical)	Aerated Concrete / Softwood	150 mm	Yes ²⁾	EI180 – V – X – F – W 00-30

¹⁾ Coated with 1 mm Nullifire FS711 to both faces

²⁾ Coated with softwood architrave both faces 50 mm wide x 15 mm thick

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 and Coatings

At Arkel on May 8th, 2015


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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 1121	
tremco illbruck Productie B.V. Vlietskade 1032, NL-4241 WC Arkel 15 FF177-20150508 Nullifire.eu/FF177	
ETA 15/0172 ETAG 26 – 1 and 3 1121-CPR-JA5067 Fire Stopping and Sealing Product, Linear Joint and Gap Seal <i>FF177 can be used in combination with Nullifire FS711</i>	
Basic Work Requirement (BWR)	Performance
Mechanical resistance and stability (BWR 1)	
None	Not relevant
Safety in case of fire (BWR 2)	
Reaction to fire	Class E
Resistance to fire	EN 1366-4; see DoP
Hygiene, Health and the Environment (BWR 3)	
Air Permeability	NPD
Water Permeability	NPD
Release of dangerous substances	Use Category IA1, S/W3 Declaration of manufacturer
Safety in Use (BWR 4)	
Mechanical Resistance and stability	NPD
Resistance to Impact / movement	NPD
Adhesion	NPD
Protection against noise (BWR 5)	
Airborne Sound Insulation	NPD
Energy, Economy and Heat Retention (BWR 6)	
Thermal Properties	NPD
Water vapour permeability	NPD
General Aspects Relating to fitness for use	
Durability and Serviceability	Y ²
Sustainable use of natural resources (BWR 7)	
Sustainable use of natural resources	NPD