

DECLARATION OF PERFORMANCE

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

Nullifire
Smart Protection

No. FF197-20150508

1. Unique identification code of the product-type:

FF197

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 FF197); 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 FF197-20150508 Nullifire.eu/FF197 | |
| ETA 15/0172 ETAG 26 – 1 and 3 1121-CPR-JA5067 Fire Stopping and Sealing Product, Linear Joint and Gap Seal <i>FF197 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 |