

DECLARATION OF PERFORMANCE

Date of issue: 01/03/2020

Replaces: No - of: -

No. 0749-CPR-19/0434-2020/1

| 1 | Unique identification code(*) of the product-type: VERMICULUX®-S (*):as given on the backside of each fire protective board | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|------------------------------------|---------------------------|--------------|-------------|------------------------------------|---|--|--|--|--|--|--|--|-------------------|---|-----|--------------------|---------------------|---|---|
| 2 | Intended uses as given in the ETA 19/0434: 2.1 - VERMICULUX®-S is a fire protective product and its intended use is to protect building elements against fire or to be used in building assemblies as specified hereafter: Type 1: Horizontal membrane protection, incl. suspended ceilings acc. to EN 13964, Type 2: Vertical membrane protection, Type 3: Load-bearing concrete elements, Type 4: Load-bearing steel elements, Type 5: Load-bearing flat concrete profiled sheet composite elements, Type 6: Load-bearing concrete filled hollow steel columns, Type 7: Load-bearing timber elements, Type 8: Fire separating assemblies with no load-bearing requirements, Type 9: Technical services assemblies in buildings, Type 10: Fire protective uses not covered by types 1-9. 2.2 - VERMICULUX®-S is a fire protective product with the following intended uses: internal use (EAD 350142-00-1106 type Z ₂), internal use in high humidity conditions (EAD 350142-00-1106 type Z ₁). | | | | | | | | | | | | | | | | | | | | | |
| 3 | Name and contact address of the manufacturer: <div style="text-align: center;"> Etex Building Performance N.V. Bormstraat 24 B-2830 Tiselt Belgium Plant: 01 www.promat-international.com </div> | | | | | | | | | | | | | | | | | | | | | |
| 4 | Authorised representative: not applicable. | | | | | | | | | | | | | | | | | | | | | |
| 5 | System or systems of Assessment and Verification of Constancy of Performance (AVCP): see table under section 7. | | | | | | | | | | | | | | | | | | | | | |
| 6a | The construction product is not covered by a harmonised standard (hEN). | | | | | | | | | | | | | | | | | | | | | |
| 6b | The declaration of performance concerns a construction product for which a European Technical Assessment has been issued. For the fire protective product VERMICULUX®-S, an ETA has been issued by UBAtc, Belgium with N° ETA 19/0434 This ETA has been issued according to EAD 350142-00-1106. Notified product certification body: No. 0749 Certificate of Constancy of Performance: 0749-CPR-BC1-240-66-19/0434-01 | | | | | | | | | | | | | | | | | | | | | |
| 7 | Declared performance <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 35%;">Essential characteristics</th> <th style="width: 15%;">AVCP systems</th> <th style="width: 30%;">Performance</th> <th style="width: 20%;">Harmonised technical specification</th> </tr> </thead> <tbody> <tr> <td colspan="4">BWR1: Mechanical resistance and stability: not applicable.</td> </tr> <tr> <td colspan="4">BWR2: Safety in the case of fire:</td> </tr> <tr> <td>Reaction to fire:</td> <td style="text-align: center;">1</td> <td>A1.</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">EAD 350142-00-1106</td> </tr> <tr> <td>Resistance to fire:</td> <td style="text-align: center;">1</td> <td> This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 2.1 of this DoP. The classes of performance are established and declared in a classification document in accordance with the applicable part of EN 13501. </td> </tr> </tbody> </table> | | | Essential characteristics | AVCP systems | Performance | Harmonised technical specification | BWR1: Mechanical resistance and stability: not applicable. | | | | BWR2: Safety in the case of fire: | | | | Reaction to fire: | 1 | A1. | EAD 350142-00-1106 | Resistance to fire: | 1 | This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 2.1 of this DoP. The classes of performance are established and declared in a classification document in accordance with the applicable part of EN 13501. |
| Essential characteristics | AVCP systems | Performance | Harmonised technical specification | | | | | | | | | | | | | | | | | | | |
| BWR1: Mechanical resistance and stability: not applicable. | | | | | | | | | | | | | | | | | | | | | | |
| BWR2: Safety in the case of fire: | | | | | | | | | | | | | | | | | | | | | | |
| Reaction to fire: | 1 | A1. | EAD 350142-00-1106 | | | | | | | | | | | | | | | | | | | |
| Resistance to fire: | 1 | This characteristic depends on the tested assembly The performance of the product in each of the tested assemblies is demonstrated and provided by the manufacturer in accordance with the intended use sub 2.1 of this DoP. The classes of performance are established and declared in a classification document in accordance with the applicable part of EN 13501. | | | | | | | | | | | | | | | | | | | | |

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|---|--|---|--------------------|
| BWR3: Hygiene, health and the environment: | | | |
| Water impermeability: | - | NPD (No Performance Determined) | EAD 350142-00-1106 |
| Release of dangerous substances: | - | Declaration | |
| Release of formaldehyde: | - | No formaldehyde containing components | |
| BWR4: Safety and accessibility in use: | | | |
| Flexural strength: | 1 | MOR \geq 1,7 MPa ⁽¹⁾ | EAD 350142-00-1106 |
| Dimensional stability: | 1 | Dimensionally stable | |
| Resistance to impact and eccentric load: | - | NPD (No Performance Determined) | |
| BWR5: Protection against noise: | | | |
| Sound absorption performance: | - | NPD (No Performance Determined) | EAD 350142-00-1106 |
| BWR6: Energy economy and heat retention: | | | |
| Thermal conductivity: | - | NPD (No Performance Determined) | EAD 350142-00-1106 |
| Water vapour permeability (transmission coefficient): | - | NPD (No Performance Determined) | |
| Durability: | | | |
| Resistance to deterioration caused by water: | 1 | Passed (resistent) | EAD 350142-00-1106 |
| Resistance to soak/dry: | 1 | Passed (resistent) | |
| Resistance to freeze/thaw: (EAD 350142-00-1106 - Annex D) | - | NPD (No Performance Determined) | |
| Resistance to heat/rain: | - | NPD (No Performance Determined). | |
| Basic durability assessment: | | The product performances confirm a working life of at least 25 years for the intended use Z ₂ (internal use), Z ₁ (internal use in high humidity conditions). | |
| BWR7: Sustainable use of natural resources: | | | |
| | | NPA (No Performance Assessed) | |
| 8 | Appropriated Technical Documentation and/or Specific Technical Documentation. | | |
| | | Not applicable (art 36, 38 of the CPR) | |
| ⁽¹⁾ 95% confidence level. | | | |

The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

The reader of this document is invited to visit the website "www.promat-ce.eu" to review the latest version of this DoP.

The Safety Data Sheet (SDS) of VERMICULUX®-S is available on request.

Signed for and on behalf of the manufacturer by:

Name: Julien Soulhat
Function: Global Approval Manager.

Tisselt, 01/03/2020.

Signature: