

**Test sample Test report no.: 89218606.01en**



Testrapport nr.:

|   |   |                     |
|---|---|---------------------|
| Requirements - Tests /<br>Vereisten - Tests | Measuring results – Remarks<br>Meetresultaten – Opmerkingen | Result<br>Resultaat |
|---|---|---------------------|

### 3 Determination of the burning behaviour using a radiant heat source EN ISO 9239-1:2010<sup>a</sup>

|                                   |  |
|-----------------------------------|--|
| Date of testing                   | 23.03.2021   |
| Pre-conditioning, climate         | 23 ± 2°C and 50 ± 4% relative humidity   |
| Pre-conditioning, duration        | ≥ 48 h & until constant mass is achieved   |
| Description of substrate          | Fibre cement board, thickness 8 ± 2 mm, density 1800 ± 200 kg/m <sup>3</sup> conforming to EN 13238:2010 |
| Fixing method                     | The samples are glued to the substrate with BODIAX P 605.  |
| Requirements according EN 13501-1 | See clause 5   |

#### Test result(s)

| Test sample                       | 1      | 2      | 3      | 4      | 5      |
|-----------------------------------|--------|--------|--------|--------|--------|
| Orientation (Length: ↑, Width: T) | ↑      | T      | T      | T      | T      |
| Flame spread (cm)                 | 6      | 6      | 6      | 6      | 6      |
| CHF / HF-30 (kW/m <sup>2</sup> )  | ≥ 10.9 | ≥ 10.9 | ≥ 10.9 | ≥ 10.9 | ≥ 10.9 |
| Maximum light attenuation (%)     | 17.6   | 24.6   | 18.3   | 29.0   | 24.0   |
| Smoke production (%.min)          | 46     | 51     | 58     | 68     | 59     |

Observations:  
Specimen 1, 2, 3 and 4: Flashing, transitory- or sustained flaming are observed.  
Specimen 1, 2, 3 and 4: Extinguished naturally before the end of the test duration.

### 4 Classification of burning behaviour EN 13501-1:2007+A1:2009<sup>a</sup>

|  |     |
|--|-----|
| The product, BODIAX®, in relation to its reaction to fire behaviour is classified: | Bfl |
| The additional classification in relation to smoke production is:                  | s1  |

#### Reaction to fire classification : Bfl – s1

##### Field of application

- As a floor covering in accordance with the nominal product parameters given on page 3.
- On end use substrates of classes A1 and A2-s1,d0 according to EN 13238:2010.
- Glued down with BODIAX P 605.

##### Statements

- This document does not represent type approval or certification of the product.
- The test results only relate to the behaviour of the test specimens of the examined product under the particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.
- The validity of this report will expire directly after alterations or modifications of the examined product (combination)(s) and/or the criteria.