

# Declaration of Performance

## BauderFLEX K4E

DoP-No.: 1764 0000



|    |   |   |
|----|---|---|
| 1. | Unique identification code of the product-type  | BauderFLEX K4E - 3_01   |
| 2. | Intended use/es   | Reinforced bitumen sheets for roof waterproofing                              |
| 3. | Manufacturer  | Paul Bauder GmbH & Co. KG, Korntaler Landstrasse 63, 70499 Stuttgart, Germany |
| 4. | System/s of assessment and verification of constancy of performance of the construction product | System 2+   |
| 5. | Harmonised standard<br>Notified body  | EN 13707:2004 + A2:2009<br>GPB, 1724  |

### 6. Declared performance

| Essential characteristics  | Performance EN 13707:2004 + A2:2009     |
|--|---|
| External fire performance <sup>a)</sup>                            | NPD                                     |
| Reaction to fire   | E                                       |
| Watertightness   | passed                                  |
| Tensile properties:  |   |
| Max. tensile force length (N/50mm)                                 | ≥800                                    |
| Max. tensile force transverse (N/50mm)                             | ≥800                                    |
| Elongation at max. tensile force length (%)                        | ≥40                                     |
| Elongation at max. tensile force transverse (%)                    | ≥40                                     |
| Resistance to root penetration                                     | NPD                                     |
| Resistance to static loading (kg)                                  | NPD                                     |
| Resistance to impact (mm)  | NPD                                     |
| Tear resistance length (N)   | NPD                                     |
| Tear resistance transversal (N)                                    | NPD                                     |
| Joint strength:  |   |
| Peel resistance (N/50mm)   | NPD                                     |
| Shear resistance (N/50mm)  | NPD                                     |
| Durability:  |   |
| Flexibility at low temperature after artificial ageing top (°C)    | NPD                                     |
| Flexibility at low temperature after artificial ageing bottom (°C) | NPD                                     |
| Flexibility at low temperature top (°C)                            | ≤-30                                    |
| Flexibility at low temperature bottom (°C)                         | ≤-30                                    |
| Hazardous substances <sup>b),c)</sup>                              | Passed, see 5.3 EN 13707:2004 + A2:2009 |

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- a) Determination of external fire performance is a system test which can be influenced by system components, which are not produced or sold by Bauder GmbH, thus performance for each product can not be given.
- b) Product does not contain asbestos or tar
- c) Because there is no European test method for leaching of the products, no statement can be made.

NPD = no performance declared

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 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

A handwritten signature in blue ink that reads "Mark Bauder". The signature is written in a cursive style.

Mark Bauder, Managing Director  
Stuttgart, 28.11.2022