

# DECLARATION OF PERFORMANCE

**CONF-DOP\_BRA-06-25**

No. H26-1090 1/1

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Unique identification code of the product-type                                                                                                           | <b>HALFEN BRA L4 Parapet Corbel</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2. | Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)              | <b>Identifying mark of the producer: HALFEN or H</b><br><b>Type code and Product type: see stamping inside the profile</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3. | Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|    | Generic type and use                                                                                                                                     | Corbel to fix pre-cast parapet panels to reinforced concrete slabs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | Product size covered                                                                                                                                     | BRA-N 1 – 8 L4<br>BRA-A 1 – 8 L4<br>BRA-NJ 1– 8 L4<br>BRA-AJ 1– 8 L4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|    | For use in                                                                                                                                               | Concrete ≥ C30/37 acc. to EN 206 (parapet)<br>Concrete ≥ C20/25 acc. to EN 206 (reinforced concrete slab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|    | Material and scope of application                                                                                                                        | See type test no. 3 (S-WUE 240250)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|    | Loading                                                                                                                                                  | See type test no. 3 (S-WUE 240250)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 4. | Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5)                        | Leviat GmbH, Liebigstraße 14, 40764 Langenfeld, Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 5. | Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)                    | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6. | System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V                           | System 2+                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 7. | In case of the declaration of performance concerning a construction product covered by a harmonised standard                                             | <p>The notified body NB-No. 2451 has performed in matters of factory production:</p> <ul style="list-style-type: none"> <li>initial inspection of the manufacturing plant and factory production control,</li> <li>continuous surveillance, assessment and evaluation of factory production control according to System 2+ and issued the following:</li> <li>Certificate 2451-CPR-EN1090-2015.0327.005 (Leviat sp. z o.o. Produkcja, Kalisz, Poland).</li> </ul> <p>The notified body NB-No. 2499 has performed in matters of structural design work:</p> <ul style="list-style-type: none"> <li>inspection and evaluation of the relevant equipment, competence of personnel and resources,</li> <li>assessment of procedure for structural design including control procedures according to System 2+ and issued the following:</li> <li>Certificate of conformity 2499-CPR-0113070-00-06 (Plant Langenfeld, Germany).</li> </ul> |
| 8. | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued                    | Not applicable, see point 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|
| 9.                                                                                                                 | Declared performance                                                                                                                        |                                                                                                          |                                    |
|                                                                                                                    | Essential Characteristics                                                                                                                   | Performance                                                                                              | Harmonized Technical Specification |
|                                                                                                                    | Tolerances on dimensions                                                                                                                    | According to the component specification and EN 1090-2                                                   | EN 1090-1:2012                     |
|                                                                                                                    | Weldability                                                                                                                                 | NPD                                                                                                      |                                    |
|                                                                                                                    | Fracture toughness                                                                                                                          | NPD                                                                                                      |                                    |
|                                                                                                                    | Reaction to fire                                                                                                                            | Euroclass A1 according to EN 13501-1                                                                     |                                    |
|                                                                                                                    | Release of cadmium and its compounds                                                                                                        | NPD                                                                                                      |                                    |
|                                                                                                                    | Emission of radioactivity                                                                                                                   | NPD                                                                                                      |                                    |
|                                                                                                                    | Durability                                                                                                                                  | Stainless steel according to point 3.                                                                    |                                    |
|                                                                                                                    | Load bearing capacity                                                                                                                       | Design acc. to DIN EN 1993-1-1_2010-12, see report S-WUE 240250                                          |                                    |
|                                                                                                                    | Fatigue strength                                                                                                                            | NPD                                                                                                      |                                    |
|                                                                                                                    | Resistance to fire                                                                                                                          | NPD                                                                                                      |                                    |
|                                                                                                                    | Manufacturing                                                                                                                               | According to the component specification and EN 1090-2, execution class EXC2; welding acc. to EN 17660-1 |                                    |
|                                                                                                                    | Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: | Not applicable                                                                                           |                                    |
| 10.                                                                                                                | The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.                      |                                                                                                          |                                    |
| This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. |                                                                                                                                             |                                                                                                          |                                    |

Langenfeld, 24.06.2025

Signed for and on behalf of the manufacturer by



Joachim Liehr  
(Managing Director)



Dr. Ing. Dirk Albartus  
(Prokurist)