

# DECLARATION OF PERFORMANCE

**CONF-DOP\_BA-01-22**

No. H23-1090-1/1

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Unique identification code of the product-type                                                                                                           | <b>HALFEN Body Anchor</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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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                                                                                                                                     | HALFEN Natural stone anchor to fix natural stone façades to concrete or masonry substructures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|    | Product size covered (anchor channels and corresponding screws)                                                                                          | Product sizes according stand-off distance and load rating, BA 606, BA 608, BA 610, BA 612, BA 1308, BA 1310, BA 1312, DT 414, DT 416, DT 418, DT 420, DT 422, DT 424, DT 426, DT 428, DT 430, DT 1314, DT 1316, DT 1318, DT 1320, DT 1322, DT 1324, DT 1326, DT 1328, DT 1330, DH 1006, DH 1008, DH 1010, DH 1712, DH 1714, DH 1716, DH 1718, DH 1720, DH 1722, DH 1724, DH 1726, DH 1728, DH 1730, DH 1732, HRM/HRC 500, HRM/HRC 504, HRM/HRC 505, HRM/HRC 506, HRM/HRC 408, HRM/HRC 410, HRM/HRC 411, HRM/HRC 413                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|    | For use in                                                                                                                                               | Concrete $\geq$ C20/25 acc. to EN 206-1<br>Masonry $\geq$ 12 N/mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|    | Anchor material / Screw material and intended use                                                                                                        | Stainless steel 1.4062/1.4162/1.4362/1.4404/1.4571 acc. to EN 10088-2 for medium corrosion resistance (corrosion resistance class III)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|    | Loading                                                                                                                                                  | Predominantly static loading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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)                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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 under system 2+ 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</li> </ul> <p>and issued the following certificates:</p> <ul style="list-style-type: none"> <li>- Certificate of conformity 2451-CPR-EN1090-2015.0327.xxx</li> <li>- The welding certificate SLVHa-EN1090-2.00065.2012.xxx (Plant Poland).</li> </ul> <p>The notified body NB-No. 2499 has performed under system 2+ 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</li> </ul> <p>and issued the following:</p> |

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|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------|--|
|                                                                                                                    |                                                                                                                                             | - Certificate of conformity 2499-CPR-0113070-00-xx (Plant Langenfeld, Germany). |                                                                                                                        |                                    |  |
| 8.                                                                                                                 | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued       | -                                                                               |                                                                                                                        |                                    |  |
| 9.                                                                                                                 | Declared performance                                                                                                                        |                                                                                 |                                                                                                                        |                                    |  |
|                                                                                                                    | Essential Characteristics                                                                                                                   | Design Method                                                                   | Performance                                                                                                            | Harmonized Technical Specification |  |
|                                                                                                                    | Tolerances on dimensions                                                                                                                    |                                                                                 | According to the component specification and EN 1090-2                                                                 | EN 1090-1:2009+A1:2011             |  |
|                                                                                                                    | Weldability                                                                                                                                 |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Fracture toughness                                                                                                                          |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Reaction to fire                                                                                                                            |                                                                                 | Euro class A1 according to EN 13501-1                                                                                  |                                    |  |
|                                                                                                                    | Release of cadmium and its compounds                                                                                                        |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Emission of radioactivity                                                                                                                   |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Durability                                                                                                                                  |                                                                                 | Stainless steel according to point 3.                                                                                  |                                    |  |
|                                                                                                                    | Design                                                                                                                                      |                                                                                 | According to EN 1993-1-1:2005 + AC:2009 and EN 1993-1-4:2006 + A1:2015                                                 |                                    |  |
|                                                                                                                    | Fatigue strength                                                                                                                            |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Resistance to fire                                                                                                                          |                                                                                 | NPD                                                                                                                    |                                    |  |
|                                                                                                                    | Manufacturing                                                                                                                               |                                                                                 | According to the component specification and EN 1090-2, execution class EXC2                                           |                                    |  |
|                                                                                                                    | Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: |                                                                                 | -                                                                                                                      |                                    |  |
|                                                                                                                    | 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. |                                                                                                                                             |                                                                                 |                                                                                                                        |                                    |  |

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Langenfeld, 02.01.2022

Signed for and on behalf of the manufacturer by



Chris Oberli  
(Managing Director | Europe Central)



Dr. Ing. Dirk Albartus  
(Prokurist)