

## DECLARATION OF PERFORMANCE SORENNE MkII

|             |                                                                                                                                                          |                                                                                                                                                                                                   |                                                                         |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 1.          | Unique identification code of the product-type                                                                                                           | Sorenne 63000 Roomheater without hot water supply. EN16510:1639-AoP-EZKA/2025-11/006-1                                                                                                            |                                                                         |
| 2.          | Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11-4.                    | The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system 3 and issued test report 1639-AoP-EZKA/2025-11/006-1 |                                                                         |
| 3.          | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer. | Roomheater without hot water supply.                                                                                                                                                              |                                                                         |
| 4.          | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11-5.                          | Leenders Haardkachels BV   Industrieweg 25   5688 DP   Oirschot   Nederland                                                                                                                       |                                                                         |
| 5.          | Where applicable, name and contact address of the authorised 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 in Annex V.                              | System 3 and system 4                                                                                                                                                                             |                                                                         |
| 7.          | In case of the declaration of performance concerning a construction product covered by a harmonised standard.                                            | The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system 3 and issued test report 1639-AoP-EZKA/2025-11/006-1 |                                                                         |
| 8.          | Declared performance                                                                                                                                     |                                                                                                                                                                                                   |                                                                         |
|             | Harmonised technical specification                                                                                                                       | EN16510:1639-AoP-EZKA/2025-11/006-1                                                                                                                                                               |                                                                         |
|             | Essential characteristics                                                                                                                                | Performance                                                                                                                                                                                       |                                                                         |
| Fire safety |                                                                                                                                                          |                                                                                                                                                                                                   |                                                                         |
|             | Reaction to fire                                                                                                                                         | A1                                                                                                                                                                                                |                                                                         |
|             | Distance to combustible materials, minimum in mm                                                                                                         | Back:<br>Side:<br>Front:                                                                                                                                                                          | 100 mm<br>100 mm<br>1100 mm                                             |
|             | Risk of burning fuel falling out                                                                                                                         | Pass                                                                                                                                                                                              |                                                                         |
|             | Emission of combustion products                                                                                                                          | CO<br>PM<br>OGC<br>NOx                                                                                                                                                                            | ≤ 1250 mg/m3 (1001 / 0,08%)<br>≤ 40 mg/m3<br>≤ 120 mg/m3<br>≤ 200 mg/m3 |
|             | Surface temperature                                                                                                                                      | Pass                                                                                                                                                                                              |                                                                         |
|             | Cleanability                                                                                                                                             | Pass                                                                                                                                                                                              |                                                                         |
|             | Flue gas temperature at nominal heat output                                                                                                              | T=284 °C                                                                                                                                                                                          |                                                                         |
|             | Mechanical resistance (for carrying a chimney)                                                                                                           | Pass                                                                                                                                                                                              |                                                                         |
| Heat output |                                                                                                                                                          |                                                                                                                                                                                                   |                                                                         |
|             | Nominal heat output                                                                                                                                      | 5.0 kWh                                                                                                                                                                                           |                                                                         |
|             | Room heating output                                                                                                                                      | 5.0 kWh                                                                                                                                                                                           |                                                                         |
|             | Energy efficiency %, class, index                                                                                                                        | ≥ 75%, A, 108,9                                                                                                                                                                                   |                                                                         |

**A**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for on behalf of the manufacturer by:



Bart Leenders, managing director  
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Leenders Haardkachels BV  
Industrieweg 25  
5688 DP Oirschot  
Nederland  
www.leenders.nl