

## Declaration of performance according to Regulation (EU) 305/2011

No. W105/47T

|           |   |  |        |
|-----------|---|--|--------|
| <b>1.</b> | <b>Unique identification code of the product-type</b>   | Kalfire W105/47T   |        |
| <b>2.</b> | <b>Intended use</b>   | Fireplace inserts for solid fuels  |        |
| <b>3.</b> | <b>Trade mark</b>   | Kal-fire B.V.<br>Geloërveldweg 21<br>5951 DH Belfeld<br>Nederland <span style="float: right;">www.kalfire.com</span> |        |
| <b>4.</b> | <b>System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3</b>   |  |        |
| <b>5.</b> | <b>The notified laboratory performed of the product type on the basis of type testing under system 3</b>  |  |        |
|           | Notified body   | Fraunhofer Institut, Nobelstraße 12, D-70569 Stuttgart, Deutschland  |        |
|           | Notified body no.   | 1004   |        |
|           | Test report no.   | P8-007-2010  |        |
| <b>6.</b> | <b>Harmonized technical specification</b>   | EN 13229:2001/A2:2004/AC:2007  |        |
|           | <b>Essential characteristics</b>  | <b>Performance</b>   |        |
|           | <b>Fire safety</b>  | pass   |        |
|           | <b>Flue gas temperature at nominal heat output</b>  | 277°C  |        |
|           | <b>Safety distance to combustible material</b>  | <b>Minimum distances in mm</b>   |        |
|           |   | rear =   | 400 mm |
|           |   | side =   | -      |
|           |   | front =  | -      |
|           |   | floor =  | 0 mm   |
|           | <b>Risk of burning fuel falling out</b>   | pass   |        |
|           | <b>cleanability</b>   | pass   |        |
|           | <b>Emission of combustion products</b>  | ≤ 0,1%   |        |
|           | <b>Surface temperature</b>  | pass   |        |
|           | <b>Electrical safety</b>  | pass   |        |
|           | <b>Release of dangerous substance</b>   | no value determined  |        |
|           | <b>Max. operation pressure</b>  | not applicable   |        |
|           | <b>Mechanical resistance (to carry a chimney/flue)</b>  | pass   |        |
|           | <b>Thermal output</b>   |  |        |
|           | Nominal heat output   | 17,7 kW  |        |
|           | Room heating output   | not applicable   |        |
|           | Water heating output  | not applicable   |        |
|           | Efficiency  | ≥78%   |        |
| <b>7.</b> | The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. |  |        |

**Signed on behalf of the manufacturer**

Drs Ing Beijko van Melick Msc, Managing Director - Kal-fire B.V.

**name and function**

Belfeld, 01-05-2022

**place and date of issue**



**signature**