

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

No. W45/48F

1.	<b>Unique identification code of the product-type</b>	Kalfire W45/48F	
2.	<b>Intended use</b>	Fireplace inserts for solid fuels	
3.	<b>Trade mark</b>	Kal-fire B.V. Geloërveldweg 21 5951 DH Belfeld Nederland <span style="float: right;">www.kalfire.com</span>	
4.	<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>		
5.	<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.	P8-064-2009	
6.	<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>	197°C	
	<b>Safety distance to combustible material</b>	<b>Minimum distances in mm</b>	
		rear =	150 mm
		side =	150 mm
		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	9,3 kW	
	Room heating output	not applicable	
	Water heating output	not applicable	
	Efficiency	≥80%	
7.	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.		

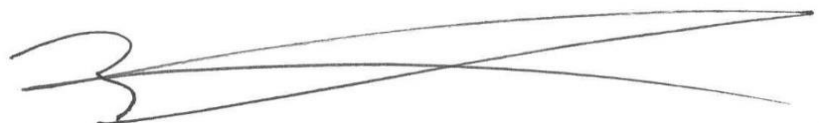
**Signed on behalf of the manufacturer**

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**