



# Clarke<sup>®</sup> INTERNATIONAL

## DECLARATION OF PERFORMANCE

This is an important document and should be retained.

**Manufacturer:** Clarke International Ltd, Fitzwilliam Hall, Fitzwilliam Place, Dublin 2, Republic of Ireland

**System(s) of AVCP:** System 2+

**Notified Body(s):** BSI Group The Netherlands B.V. (ID Number: 2797)

**Report/Certificate:** 2797 CPR 566560

### Declared Performance & Essential Characteristics

Characteristic	Performance	Harmonised Standard & Intended Use
Chemical Durability	D	EN 1856-1:2009 Single and multi-wall system chimney products with metallic liners (chimney sections, chimney fittings and terminals, including supports) used to convey the products of combustion from appliances to the outside atmosphere.
Compressive Strength	Pass	
Corrosive Durability	VmL50050	
Fire Resistance	G (50)	
Flexural Strength	Pass	
Flow Resistance	a) Coefficient of flow resistance: 0.005 b) Mean value roughness: 0.005	
Freeze Thaw	Pass	
Gas Tightness	N1	
Thermal Resistance	T450, 0.0151 m <sup>2</sup> K/W	
Thermal Shock Resistance	Pass	

The performance of the product(s) is in conformity with the set of declared performance(s). This declaration is issued, in accordance with legislation (EU) 305/2011, under the sole responsibility of the manufacturer.

The CE mark was first applied in: 2016

**Model Number(s):** Radiation Shield 6" (6911246)

**Serial/Batch Number:** Refer to product/packaging label

**Date of Issue:** 08/04/2024

**Signed:**

J.A Clarke

Director