

# DECLARATION OF PERFORMANCE

(In accordance with Annex III of Regulation (EU) 305/2011)

No. 80

1. Identification code of Product type: BILSFEC5
2. Type: **BILBERRY ECO SUIR**
3. Intended use: Space Heating in residential buildings with no supply of hot water.
4. Manufacturer: Waterford Stanley  
Manufacturer address: Unit 401-403, IDA Industrial Estate, Cork Road, Waterford, Ireland
6. System 3 assessment and verification of constancy of performance.
7. Product certified by:  
SGS NEDERLAND BV Notified body no 0608 assessed the product against  
BS EN13240:2001 |+ A2:2004  
Performed under system 3 and issued test report no EZKA/2021-03/00009-3
9. Declared Performance

Harmonized technical specification		BSEN13240:2001  + A2:2004	BSEN13240:2001  + A2:2004
Essential characteristics		Wood	Smokeless mineral fuel
Fire safety			
Reaction to fire A1		A1	A1
Minimum distance to combustible materials	mm	Sides 650 Rear 600	Sides 650 Rear 600
Risk of burning fuel falling out		Pass	Pass
Surface temperature		Pass	Pass
Electrical safety		Pass	Pass
Cleanability Pass		Pass	Pass
Maximum operating pressure		N/A	N/A
Mechanical resistance (to carry a chimney/ flue)		Pass	Pass
Nominal heat output	kW	8.1	8.0
Room heating output	kW	8.1	8.0
Water heating output	kW	N/A	N/A
Energy efficiency, $\eta$	%	79.4	75.9
Mean CO emission (at 13 % O <sub>2</sub> )	%	0.06	0.07
Mean flue gas temperature	°C	324	325
Flue gas mass flow	g/s	5.8	5.6
Mean C <sub>n</sub> H <sub>m</sub> emission (at 13 % O <sub>2</sub> )	Nmg/m <sup>3</sup>	50	29
Mean NO <sub>x</sub> emission (at 13 % O <sub>2</sub> )	Nmg/m <sup>3</sup>	101	108
DIN Plus particulates (at 13 % O <sub>2</sub> )	Nmg/m <sup>3</sup>	25	13

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

<sup>2</sup>  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.  
Signed for and on behalf of the manufacturer by:

Waterford Stanley, 03<sup>rd</sup> Dec. 2020

Noel Hannan – R&D Manager

