

Declaration of features under Regulation (EU) 305/2011

Nr.: F – 10 – 2 – 047

1. The unique identification code of the product type:

Solid fuel equipment without hot water supply EN 13240:2001/A2:2004/AC: 2007.

2. Type, series or serial number or other element allowing identification of the construction products:Fireplace stoves for solid fuel type designation **ALVESTA Serpentino / ALVESTA Sandstein**, designed for intermittent operation - classification of the fireplace stoves: 1, according to Table 1 EN 13240/A2.**Basic technical data of fireplace stoves:**

Typ	Main dimensions (mm)			Weight (kg)	Nominal output (kW)		Fuel consumption (kg/h)		Diameter of flue gas connector (mm)	Operative draught (Pa)	
	Height	Width	Depth		Wood	BCB*	Wood	BCB*		Wood	BCB*
ALVESTA Serpentino	1122	568	391	136	7.5	8.0	2.2	1.8	150	11	12
ALVESTA Sandstein	1122	568	391	136							

Further information can be found in the catalogue of producer THORMA Výroba, s.r.o., SK – Fiľakovo.

3. The intended use of the construction product in accordance with the relevant harmonized technical specification:Fireplace stoves for solid fuel type designation **ALVESTA Serpentino / ALVESTA Sandstein** are designed for reheating and heating of residential areas and banquet halls.**4. Name, company, or registered trademark and contact address of the manufacturer:**

Company: THORMA Výroba, s.r.o.

Registered office: Šávoľská cesta 1, 986 01 Fiľakovo, Slovak republic

ID: 36030538

Tel.: +421474511537

Fax: +421474382289

E-mail: sales@thorma.sk

5. The system of assessment and verification of constancy of performance of construction products:

System 3 (annex V, point 1.4 Regulation of the European Parliament and of the Council (EU) no. 305/2011 of the day 2011-03-09).

6. Product is covered by a harmonized standard:

EN 13240: 2001/A2: 2004/AC: 2007, the assessment according to system 3 was performed by the Engineering Testing Institute, Public Enterprise, Hudcova 424/56b, CZ-621 00 Brno, notified body 1015 and issued by:

- REPORT on Initial Product Type Testing, Nr. 30-15782/T, of the day 2022-01-21
- REPORT Assessment of the Performance of Construction Products, Nr. 1015-CPR-30-15782/TZ, of the day 2022-02-28
- CERTIFICATE OF TEST, Nr. O-B-00320-22, of the day 2022-02-28

7. Declared features specified in the declaration apply to all products listed in paragraph 2:

Harmonized technical specification	EN 13240:2001/A2:2004/AC:2007		
Main features	features		
Fire safety - Reaction to fire	A1		
Distance from flammable materials	Minimal distance [mm]: • rear wall: 150 • side walls: 200 • ceiling: 800 • front wall: 800		
Risk of burning fuel falling	Requirement fulfilled		
The emissions	Parameter	Wood	BCB*
	CO (13% O ₂) [%]	0.07	0.07
	CO (13% O ₂) [mg/Nm ³]	845	836
	PM (13% O ₂) [mg/Nm ³]	29	30
	OGC (13% O ₂) [mg/Nm ³]	64	88
	NO _x (13% O ₂) [mg/Nm ³]	127	196
The surface temperature	Requirement fulfilled		
Electrical safety	NPD		
Clean ability	Requirement fulfilled		
Max. operational pressure	NPD		
Flue gas temperature at rated thermal output	T [°C]	Wood	BCB*
		223	197
Mechanical resistance (load flue connection)	Requirement fulfilled		
Nominal output	P _{nom} [kW]	Wood	BCB*
		7.5	8.0
Space heating performance	P [kW]	Wood	BCB*
		7.5	8.0
Heat capacity of water	NPD		
Seasonal space heater energy efficiency in active mode	$\eta_{s, on}$ [%]	Wood	BCB*
		80.1	83.0
Seasonal space heater energy efficiency	η_s [%]	Wood	BCB*
		70.1	73.0

BCB* = brown coal briquettes

8. Product features (of the product) of paragraph 1 and 2 are consistent with the characteristics listed in paragraph 7.

The declaration of features is issued under the sole responsibility of the manufacturer referred to in paragraph 4.

Signed for and on behalf of the manufacturer:

Dipl. Ing. Milan Kováč, director
(name and position)

Filákovo, 2022-03-03
(venue and issuing date)


(signature)

„NPD“ (No Performance Determined)