

Declaration of performance in accordance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council

No.: TV-DoP-2025-09/EN

1. Unique product type identification code:

Solid fuel fireplace stove (wood and brown coal briquettes) **FALUN II** and its design variants are appliances without a hot water supply, i.e. without an indirect heating function. Fireplace stoves meet the requirements of harmonized standards ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025.

2. Type, series or serial number or any other element allowing identification of construction products: **FALUN II** solid fuel fireplace stove and its design variants are designed for intermittent operation. The fireplace stoves have one heat output level, without room temperature control.

Basic technical data for solid fuel fireplace stoves - wood and brown coal briquettes (BCB):

Type	Main dimensions (mm)			Nominal output (kW)		Fuel consumption (kg/h)		Diameter of flue gas (mm)	Operating pressure (Pa)	
	Height	Width	Depth	Wood	BCB	Wood	BCB		Wood	BCB
FALUN II, type no. F 9480 I	1021	549	390	7.5	8.0	2.2	1.8	150	11	12
FALUN II UNI, type no. F 9480 W*	1049	510	395							
FALUN Ceramic, type no. F 9478 A*	1034	628	386							
FALUN Serpentino, type no. F 9478 S*	1032	622	386							
LANDSHUT, type no. F 9478 L*	1045	780	366							
LANDSHUT Top, type no. F 9478 8*	1045	780	366							
LANDSHUT II, type no. F 9478 N*	1064	730	366							
LANDSHUT II Top, type no. F 9480 B*	1063	730	366							
LANDSHUT III Top, type no. F 9478 9*	1397	730	366							
ALVESTA Serpentino, type no. F 9478 I*	1122	568	391							
ALVESTA Sandstone, type no. F 9478 I*	1122	568	391							
ALVESTA II Serpentino, type no. F 9478 T*	927	568	391							
ALVESTA II Sandstone, type no. F 9478 T*	927	568	390							
ALVESTA II Steel, type no. F 9480 4*	927	549	391							
CREMONA, type no. F 9480 Z*	1029	510	355							
CREMONA Top, type no. F 9480 O*	1027	510	355							
WIKANTICA, type no. F 9480 T*	1021	549	390							
WEIMAR, type no. F 9480 3*	1030	546	355							
WIESBADEN, type no. F 9480 2*	1029	510	362							
ALICANTE, type no. F 9478 X*	830	588	351							
VALENCIA, type no. F 9478 Y*	825	589	383							
ALMERIA, type no. F 9480 H*	834	602	400							

* Design variants differ only in their design.

Other data is provided in the catalogue of the manufacturer THORMA Výroba s.r.o., SK — Fil'akovo.

3. Intended use of the construction product in accordance with the relevant harmonized technical specification:

FALUN II solid fuel fireplace stove and its design variants are designed for supplementary reheating and heating of residential and communal rooms.

4. Name, company or registered trademark and contact address of the manufacturer:

Company name: **THORMA Výroba s.r.o.**
 Company registered office: **Šávol'ska cesta 1, 986 01 Fil'akovo, Slovak Republic**
 Company ID No.: **36030538**
 Telephone: **+421474511537**
 Fax: **+421474382289**
 E-mail: sales@thorma.sk

5. System for assessing and verifying the constancy of performance of construction products:

In accordance with harmonized standard EN 16510-2-1:2022, Annex ZA, Table ZA.2, System 3 applies to fireplace stoves.

6. The product is subject to the following harmonized standards:

ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025 and assessment under System 3 was performed by Engineering Testing Institute, Public Enterprise, Hudcova 424/56b, CZ-621 00 Brno, notified body 1015 and issued:

- PROTOCOL on initial type examination of the product No. 30-17349/9/T, dated 2025-04-15
- PROTOCOL on assessment of properties, No. 1015-AoP-30-17349/9/TZ, dated 2025-04-25
- TEST CERTIFICATE, No. 0-B-00077-25, dated 2025-04-16

7. The declared properties stated in the declaration apply to all products listed in point 2:

Harmonized technical specification	ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025		
Basic characteristics	Properties		
Fire safety - Reaction to fire	A 1		
Protection of flammable materials	Minimum distance from flammable materials [mm]		
	Front floor	1500	
	Ceiling	>750	
	Rear wall	FALUN II, FALUN II UNI, FALUN Keramik, FALUN Serpentino, LANDSHUT, LANDSHUT Top, LANDSHUT II, LANDSHUT II Top, LANDSHUT III Top, ALVESTA Serpentino/Sandstone, ALVESTA II Serpentino/Sandstone, ALVESTA II Steel, CREMONA, CREMONA Top = 150, WIKANTICA, WEIMAR = 250, WIESBADEN = 150, ALICANTE, VALENCIA, ALMERIA = 400	
	Side	FALUN II, FALUN II UNI, FALUN Keramik, FALUN Serpentino, LANDSHUT, LANDSHUT Top, LANDSHUT II, LANDSHUT II Top, LANDSHUT III Top, ALVESTA Serpentino/Sandstone, ALVESTA II Serpentino/Sandstone, ALVESTA II Steel, CREMONA, CREMONA Top = 200, WIKANTICA, WEIMAR = 800, WIESBADEN = 500, ALICANTE, VALENCIA, ALMERIA = 400	
	Side radiation area	1500	
	Minimum distance from flammable materials	800	
Risk of burning fuel falling out	Requirement met		
Combustion emissions	Parameter	Wood	BCB
	CO (13% O2) [mg/Nm³]	845	836
	PM (13% O2) [mg/Nm³]	29	30
	OGC (13% O2) [mg/Nm³]	64	88
	NOx (13% O2) [mg/Nm³]	127	196
Surface temperature	Requirement met		
Electrical safety	NPD		
Cleanability	Requirement met		
Max. working pressure	NPD		
Mechanical resistance (load capacity of the exhaust pipe)	Requirement met		

Safety and accessibility during use	Wood	BCB
Exhaust gas outlet temperature	268 °C	233 °C
Minimum chimney draft	11 Pa	12 Pa
Exhaust gas mass flow	7.9 g/s	7.7 g/s
Energy and heat savings		
Heat flow into the room	7.5 kW	8.0 kW
Heat flow into the water	NPD	
Heating efficiency	80 %	83 %
Seasonal heating efficiency	70 %	73 %
Energy efficiency index - EEI	106	110
Energy efficiency classification - class	A	A+
Electricity consumption	NPD	
Energy consumption in standby mode	NPD	

8. The characteristics of the products listed in points 1 and 2 are in accordance with the characteristics listed in point 7, and their parameters comply with Commission Regulation (EU) 2015/1185 of 24 April 2015 (Ecodesign requirements for local solid fuels space heaters):

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:

Ing. Jaroslav Matúz, Director and Executive Officer
(name and position)



Fil'akovo, 2025-09-30 (place and date of issue)

"NPD" (No Performance Determined) - the requirement does not apply to the product in question

