

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

No.: TV-DoP-2025-05/EN

1. Unique product type identification code:

Wood fireplace stove **BILBAO** 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:

BILBAO wood 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 wood fireplace stoves:

Type	Main dimensions (mm)			Nominal output (kW)	Fuel consumption (kg/h)	Diameter of flue gas (mm)	Operating pressure (Pa)
	Height	Width	Depth		Wood		
BILBAO, type no. F 9431 G	830	770	468.5	11.5	3.75	150	12
MALAGA, type no. F 9431 F*	830	770	476.5				
MALLORCA, type no. F 9431 I*	569	770	526				
MONACO, type no. F 9431 J*	569	770	476				
MADRID, type no. F 9431 2*	569	770	526				

* 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:

BILBAO wood 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: **Šávoľ'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. 30-17349/5/T, dated 2025-04-15
- PROTOCOL on assessment of properties, No. 1015-AoP-30-17349/5/TZ, dated 2025-04-25
- TEST CERTIFICATE, No. 0-B-00073-25, 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	200
	Side	200
	Side radiation area	1500
	Minimum distance from flammable materials	800
Risk of burning fuel falling out	Requirement met	
Combustion emissions	Parameter	Fuel: Wood
	CO (13% O ₂) [mg/Nm ³]	1245
	PM (13% O ₂) [mg/Nm ³]	30
	OGC (13% O ₂) [mg/Nm ³]	104
	NO _x (13% O ₂) [mg/Nm ³]	103
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		
Exhaust gas outlet temperature	463 °C	
Minimum chimney draft	12 Pa	
Exhaust gas mass flow	8.1 g/s	
Energy and heat savings		
Heat flow into the room	11.5 kW	
Heat flow into the water	NPD	
Heating efficiency	77 %	
Seasonal heating efficiency	67 %	
Energy efficiency index - EEI	102	
Energy efficiency classification - class	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)



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

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