DECLARATION OF PERFORMANCES

N° 002014525GB

1. Unique identification code of the product-type :

THERMINOX ZI

Chimneys - Requirements for metal chimneys - Part 1: System chimney products - EN 1856-1 : 2009

2. Intended use/es :

Convey the products of combustion from appliances to the outside atmosphere

3. Manufacturer :

POUJOULAT SA - CS 50016 - 79270 SAINT-SYMPHORIEN, France

4. Authorised representative :

Not applicable

5. System/s of AVCP :

System 2+: Metal flue liners, connecting flue pipes and fittings and System 4: Terminals

6a) Harmonised standard :

EN 1856-1 : 2009

Approved body/ies :

Laboratoire National de métrologie et d'Essais (n°0071)

7. Declared performance/s :

EN 1856-1 : 2009
Ø 80 => 300 :
T250 N1 W V2 L50040 O20
T200 P1 W V2L50040 O20
T450 N1 W V2 L50040 G50
Ø 350 => 450 :
T250 N1 W V2 L50050 O30
T200 P1 W V2 L50050 O30
T450 N1 W V2 L50050 G75
Ø 500 :
T250 N1 W V2 L50050 O40
T200 P1 W V2 L50050 O40
T450 N1 W V2 L50050 G100
Ø 600 :
T250 N1 W V2 L50060 O40
T200 P1 W V2 L50060 O40
T450 N1 W V2 L50060 G100

Essential characteristics	Performance	Harmonised technical specification
Installed length	Ø 80 (78,5), 100, 130, 150, 180, 200, 250, 300, 350, 400, 450, 500, 600 ED 100 = 100 mm ED 250 = 250 mm ED 450 = 450 mm ED 1000 = 950 mm ED 1200 = 1150 mm	EN 1856-1 : 2009
Gas tightness / Leakage	Pass N1 (<2 l/s.m² - 40 Pa) Pass to P1 with seal (<0,006 l/s.m² - 200 Pa)	
Sootfire resistance	Ø 80 -> 300 : T200 & T250 O20 Ø 350 -> 450 : T200 & T250 O30 Ø 500 & Ø 600 : T200 & T250 O40 Ø 80 -> 300 : T450 G50 Ø 350 -> 450 : T450 G75 Ø 500 & Ø 600 : T450 G100	
Compressive resistance	See installation instructions	
Tensile strength	See installation instructions	
Non vertical installation	See installation instructions	
Flow resistance	In compliance with EN 13384-1 Chimney stack =1	
Thermal resistance	0,523 m².K/W - 200°C	
Condensate penetration resistance	W	
Corrosion resistance	Ø 80 => 300 : 0,4 mm Ø 350 => 500 : 0,5 mm Ø 600 => 0,6 mm Vm (1.4404), V2	
Freeze thaw resistance	Pass	

The performance of the product identified above is in conformity with the set of declared performance/s. In accordance with Regulation (EU) No 305/2011, this declaration of performance is drawn up under the sole responsibility of the above-mentioned manufacturer.

Signed for and on behalf of the manufacturer by :

Erwan CRENN

At Saint Symphorien, on 03/11/2025

