



Your chimney for life

# DECLARATION OF PERFORMANCE

**DOP 108055214 - DUALINOX 50 - (50mm Insulation)**

1. Unique identification code of the product-type:

**DUALINOX 50**

*Double wall chimney system according to EN 1856-1 : 2009*

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

Diameter	EN 1856-1 : 2009 (8.1)
<b>Ø 80 =&gt; 300</b>	T200 P1 W V2 L50040 O20 T250 N1 W V2 L50040 O20 T450 N1 W V2 L50040 G65 T450 N1 W V2 L50040 G50* <i>(*G50 is allowed when installed in a non-combustible endosure)</i>
<b>Ø 350 =&gt; 400</b>	T200 P1 W V2 L50040 O30 T250 N1 W V2 L50040 O30 T450 N1 W V2 L50040 G100
<b>Ø 450</b>	T200 P1 W V2 L50050 O30 T250 N1 W V2 L50050 O30 T450 N1 W V2 L50050 G100
<b>Ø 500 =&gt; 600</b>	T200 P1 W V2 L50050 O40 T250 N1 W V2 L50050 O40 T450 N1 W V2 L50050 G130

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Convey the products of combustion from heating appliances to the outside atmosphere**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**POUJOLAT Sp. z o.o. - ul. Olszankowa 45 - 05-120 Legionowo - POLAND**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

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

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**Notified factory production control certification body N° 0071 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity 0071-CPR-0038 of the factory production control.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not applicable**

9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
9.1 Compressive strength	<b>Ø80 -&gt; Ø700: 16m</b>	EN 1856-1 : 2009
9.2 Resistance to fire	<b>Ø80 -&gt; Ø300: T200 &amp; T250 O20 Ø80 -&gt; Ø300: T450 G65 Ø350 -&gt; Ø450: T200 &amp; T250 O30 Ø350 -&gt; Ø450: T450 G100 Ø500 -&gt; Ø600: T200 &amp; T250 O40 Ø500 -&gt; Ø600: T450 G130 Ø650 -&gt; Ø700: T200 &amp; T250 O80 Ø650 -&gt; Ø700: T450 G260</b>	
9.3 Gas tightness / leakage	<b>N1 (&lt;2 l/s.m<sup>2</sup> - 40 Pa) P1 (&lt;0,006 l/s.m<sup>2</sup> - 200 Pa)</b>	
9.4 Flow resistance of chimney sections fittings and terminals	<b>In accordance to norm</b>	
9.5 Thermal resistance	<b>0,76 m<sup>2</sup>.K/W - 200°C</b>	
9.6 Sootfire resistance	<b>T200 &amp; T250 - No T450 - Yes</b>	
9.7 Thermal performance under normal operating conditions	<b>Ø80 -&gt; Ø700: T200 &amp; T250 &amp; T450</b>	
9.8 Flexural tensile strength	<b>Ø80 -&gt; Ø700: 3m</b>	
9.9 Non vertical installation	<b>In accordance to norm</b>	
9.10 Condensate penetration resistance	<b>Ø80 -&gt; Ø700: T200 &amp; T250: W Ø80 -&gt; Ø700: T450: D</b>	
9.11 Durability against corrosion	<b>Ø80 -&gt; Ø400: 0,4 mm Ø450 -&gt; Ø600: 0,5 mm Ø650 -&gt; Ø700: 0,8 mm V2</b>	
9.12 Components subject to wind load	<b>Ø80 -&gt; Ø700: 3m</b>	
9.13 Compressive strength	<b>Ø80 -&gt; Ø700: 16m</b>	
9.14 Freeze thaw resistance	<b>Passed</b>	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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:  
Tomasz RAWIAK, Operational Director  
Legionowo, 2020/10/08