

# DECLARATION OF PERFORMANCE

No.02/CPR/13.09.2018

1. Unique identification code of the product-type: .

**System chimney and elements products EN 1856-1 - T400 - P2 – D – V3-L20040 – G (80)**

**EN 1856-1 -T400 - P2 – W – Vm-L20040 – G (80)**

**the distance from 300-350 to 400-450 is G(120) and the distance from 450-500 to 550-600 is G(160)**

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

**Double wall metal system chimney products and elements : ΠΑΡ 100**

**Internal diameter : Ø80,100,130,150,180,200,230,250,300,350,400,450,500,550**

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

**To convey the products of combustion from appliances to the outside atmosphere for dry operating conditions**

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

**E. Outas - E. Outa O.E. Spiroduct**

**4th km Edessas, Thes/nikis Greece**

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

**System 2+**

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard: Notified body “Dedal - Attestation and Certification” Ltd. has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control. And issued certificate of conformity of the factory production control- 1922-CPR-056

7. Declared performance

Essential Characteristic	Performance	Harmonized technical specifications
<b>Compressive strength</b> Maximum load:	12.03 kN (D200)	EN 1856-1
<b>Flow resistance</b> Mean value of roughness	0,1 mm	
<b>Thermal resistance</b>	0,275 m²K/w (D200)	
<b>Thermal shock resistance</b>	Yes T400	
<b>Flexural strength</b> Tensile strength Non-vertical installations Maximum offset between, supports Wind load	2 m  3 m at 45° passed	
<b>Maximum spacing of lateral supports</b>	1 m	
<b>Freeze thaw resistance</b>	Passed EN 1856-2:2004	
<b>Resistance to fire</b>	G 80/G120/G160	
<b>Gas tightness</b>	P2 – passed overpressure N1 – passed vacuum	
<b>Material</b>	304 0,4mm	
<b>insulating material</b>	Ceramic fiber wool, thickness 25mm, destity 96kg/m³	
<b>Durability against chemicals</b>	D – dry operating conditions W - Liquefaction conditions	
<b>Durability against corrosion</b>	V3 L20040 Vm L20040	

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point

7. 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:

(Efsthios Outas General Manager)

Edessa .../.../201..

E.ΟΥΤΑΣ - Ε.ΟΥΤΑ Ο.Ε.  
SPIRODUCT ΟΥΤΑΣ  
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