

DOP-DIFLUX PELLETS-025

1. Unique identification code of the product-type:

Concentric Multi Wall Metal System Chimney
EN 1856-1:2009

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

DIFLUX PELLETS

1.0 Model 1.4404 / 316L	Ø 80, 100, 130, 150, 180	T200 P1 W V2 L50040 O50
1.1 Model 1.4404 / 316L	Ø 80, 100, 130, 150, 180	T450 N1 W V2 L50040 G100
2.0 Model 1.4521 / 444	Ø 80, 100, 130, 150, 180	T200 P1 W V2 L99040 O50
2.1 Model 1.4521 / 444	Ø 80, 100, 130, 150, 180	T450 N1 W V2 L99040 G100
3.0 Model 1.4301 / 304	Ø 80, 100, 130, 150, 180	T200 P1 W Vm L20040 O50
3.1 Model 1.4301 / 304	Ø 80, 100, 130, 150, 180	T450 N1 W Vm L20040 G100

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 under Article 11(5):

DINAK S.A.
Camiño do Laranxo, 19
36216, Vigo (SPAIN)
dinak@dinak.com

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 CPR, Annex V:

System 2+
System 4 (for terminals)

7. Notified factory production control certification body TÜV SÜD Industrie Service GmbH, No.0036, 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 of the factory production control

8. Declared performance

Essential Characteristics	Performance	Harmonized technical specification
Compressive strength Chimney Sections, fittings and supports	Up to 27 m (See annex) See annex	EN 1856-1:2009
Resistance to fire	Models 1.0, 2.0 and 3.0: T200 – O50 Models 1.1, 2.1 and 3.1: T450– G100	EN 1856-1:2009

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Gas tightness/leakage	Models 1.0, 2.0 and 3.0: P1 Models 1.1, 2.1 and 3.1: N1	EN 1856-1:2009
Flow resistance of chimney sections, fittings and terminals	According to EN 13384-1	EN 1856-1:2009
Thermal resistance	0 m ² K/W at reference temperature	EN 1856-1:2009
Thermal shock resistance Soot fire resistance	Models 1.0, 2.0 and 3.0: No Models 1.1, 2.1 and 3.1: Yes	EN 1856-1:2009
Thermal performance under normal operating conditions	Models 1.0, 2.0 and 3.0: T200 Models 1.1, 2.1 and 3.1: T450	
Flexural tensile strength (only for means of connection for chimney sections and fittings)	Up to 23 m (see annex)	EN 1856-1:2009
Non vertical installation	Maximum offset between supports: 1 m at 90° (see annex)	EN 1856-1:2009
Components subject to wind load	Maximum free standing height: 1,5 m above last support (see annex) Maximum spacing between lateral supports: 3 m (see annex)	EN 1856-1:2009
Durability Water and vapour diffusion resistance	Models 1.0, 2.0 and 3.0: Yes Models 1.1, 2.1 and 3.1: Yes	EN 1856-1:2009
Condensate penetration resistance	Models 1.0, 2.0 and 3.0: Yes Models 1.1, 2.1 and 3.1: Yes	
Against corrosion	Models 1.0 and 1.1: V2 Models 2.0 and 2.1: V2 Models 3.0 and 3.1: Vm	
Freeze thaw resistance	Yes	EN 1856-1:2009

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

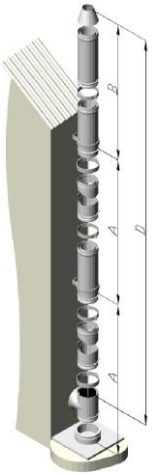
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

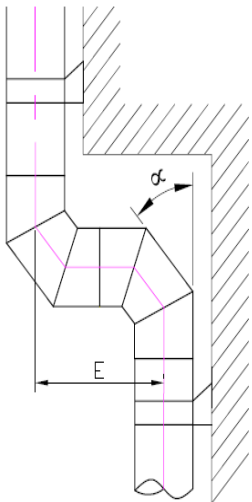
Íñigo A. Canoa (General Manager)

Vigo, 20th February 2020

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		COMPRESSIVE STRENGTH	TENSILE STRENGTH
		Height – Size D (m)	Height (m)
Outer material		1.4301 / 304; 1.4404 / 316L; 1.4521 / 444; 1.4509 / 441; 1.4075 / 430	
ND (mm)	80	27	23
	100	22	19
	130	17	14
	150	16	13
	180	13	11



NON VERTICAL INSTALLATION			
		Maximum deflection α (°)	Maximum length of the slope – Size E (m)
Outer material		1.4301 / 304; 1.4404 / 316L; 1.4521 / 444; 1.4509 / 441; 1.4075 / 430	
ND (mm)	80	90	1
	100	90	1
	130	90	1
	150	90	1
	180	90	1

COMPRESSIVE STRENGTH OF THE SUPPORT			
Height			
Outer material		1.4301 / 304; 1.4404 / 316L; 1.4521 / 444; 1.4509 / 441; 1.4075 / 430	
Model		Wall support 080	Adjustable wall support 083
ND (mm)	80	6	6
	100	5	5
	130	4	4
	150	3	3
	180	3	3