

DOP-DINAFLEX INOX-043

1. Unique identification code of the product-type:

Metal Flexible Flue Liner
EN 1856-2:2009

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

DINAFLEX INOX

1.0 Model 1.4404 / 316L	Ø 80-250	T600 N1 W Vm L50010 G
1.1 Model 1.4404 / 316L	Ø 80-250	T200 P1 W Vm L50010 O
2.0 Model 1.4404 / 316L	Ø 80-250	T600 N1 W Vm L50011 G
2.1 Model 1.4404 / 316L	Ø 80-250	T200 P1 W Vm L50011 O
3.0 Model 1.4539 / 904L	Ø 80-250	T600 N1 W Vm L70010 G
3.1 Model 1.4539 / 904L	Ø 80-250	T200 P1 W Vm L70010 O
4.0 Model 1.4539 / 904L	Ø 80-250	T600 N1 W Vm L70011 G
4.1 Model 1.4539 / 904L	Ø 80-250	T200 P1 W Vm L70011 O
5.0 Model 1.4301 / 304	Ø 80-250	T600 N1 W Vm L20010 G
5.1 Model 1.4301 / 304	Ø 80-250	T200 P1 W Vm L20010 O
6.0 Model 1.4301 / 304	Ø 80-250	T600 N1 W Vm L20011 G
6.1 Model 1.4301 / 304	Ø 80-250	T200 P1 W Vm L20011 O

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
tlf: +34 986 452 526

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+

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

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8. Declared performance

Essential Characteristics	Performance	Harmonized technical specification
Compressive strength of fittings and supports	n.p.d.	EN 1856-2:2009
Tensile strength	< 20 m (see Annex A.2)	EN 1856-2:2009
Crushing resistance	Passed	EN 1856-2:2009
Flexibility	Maximum angle for 45° (see Annex A.1)	EN 1856-2:2009
Torsion strength	Passed	EN 1856-2:2009
Pulling force	Passed	EN 1856-2:2009
Resistance to fire	Models 1.0, 2.0, 3.0, 4.0, 5.0, 6.0: G Models 1.1, 2.1, 3.1, 4.1, 5.1, 6.1: O	EN 1856-1:2009
Gas thickness / leakage	Models 1.0, 2.0, 3.0, 4.0, 5.0, 6.0: N1 Models 1.1, 2.1, 3.1, 4.1, 5.1, 6.1: P1	EN 1856-1:2009
Flow resistance of chimney sections, fittings and terminals	According to EN 13384-1	EN 1856-1:2009
Thermal shock resistance		EN 1856-1:2009
Sootfire resistance	Models 1.0, 2.0, 3.0, 4.0, 5.0, 6.0: Yes Models 1.1, 2.1, 3.1, 4.1, 5.1, 6.1: No	
Thermal performance under normal operating conditions	Models 1.0, 2.0, 3.0, 4.0, 5.0, 6.0: T600 Models 1.1, 2.1, 3.1, 4.1, 5.1, 6.1: T200	
Durability		EN 1856-1:2009
Water and vapour diffusion resistance	Yes	
Condensate penetration resistance	Yes	
Against corrosion	Vm	
Freeze thaw resistance	Yes	

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, 8th August 2013

A. ANNEX MECHANICAL CHARACTERISTICS

A.1. Flexural strength

DN	80	100	125	150	180	200	250
Bending radius (mm)	200	250	300	300	350	350	500

A.2. Tensile strength

DN	80	100	125	150	180	200	250
Design height (m)	30	30	20	20	20	20	20