

## DOP-UKCA-DIFLUX INOX-524

**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):**

### DINAK DIFLUX INOX

1.0 Model 1.4404 / 316L	Ø 80, 100, 130	T200 P1 W V2 L50040 O50
2.0 Model 1.4521 / 444	Ø 80, 100, 130	T200 P1 W V2 L99040 O50
3.0 Model 1.4162 / S32101	Ø 80, 100, 130	T200 P1 W V2 L99050 O50
4.0 Model 1.4301 / 304	Ø 80, 100, 130	T200 P1 W Vm L20040 O50

**3. Intended use or uses of the construction product, in accordance with the applicable designated 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 the Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended, Annex V:**

System 2+  
System 4 (for terminals)

**7. UK Approved product certification body TÜV SÜD BABT unlimited No.0168, performed the initial inspection of the manufacturing plant and of the factory production control and 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	Designated Standard
Compressive strength Chimney Sections, fittings and supports	Up to 27 m (See annex) See annex	EN 1856-1:2009
Resistance to fire	T200 – O50	EN 1856-1:2009
Gas tightness/leakage	P1	EN 1856-1:2009
Flow resistance of chimney sections, fittings and terminals	According to EN 13384-1	EN 1856-1:2009

## DOP-UKCA-DIFLUX INOX-524

<b>Thermal resistance</b>	0 W /m <sup>2</sup> at reference temperature	EN 1856-1:2009
<b>Thermal shock resistance</b>		EN 1856-1:2009
Soot fire resistance	No	
Thermal performance under normal operating conditions	T200	
<b>Flexural tensile strength (only for means of connection for chimney sections and fittings)</b>	Up to 23 m ( see annex)	EN 1856-1:2009
<b>Non vertical installation</b>	Maximum offset between supports: 1 m at 90° (see annex)	EN 1856-1:2009
<b>Components subject to wind load</b>	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
<b>Durability</b>		EN 1856-1:2009
Water and vapour diffusion resistance	Yes	
Condensate penetration resistance	Yes	
Against corrosion	Model 1.0: V2 Model 2.0: V2 Model 3.0: V2 Model 4.0: Vm	
<b>Freeze thaw resistance</b>	Yes	EN 1856-1:2009

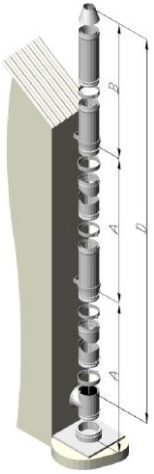
**9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.**

**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:**

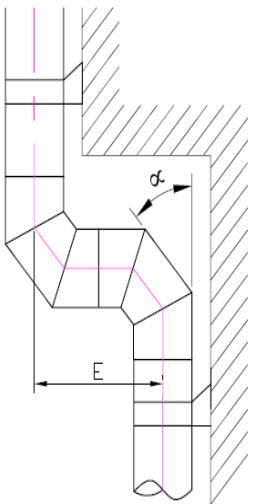
Íñigo A. Canoa (General Manager)

Vigo, 1<sup>st</sup> September 2022

## DOP-UKCA-DIFLUX INOX-524



		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	
NID (mm)	80	27	23
	100	22	19
	130	17	14



NON VERTICAL INSTALLATION			
		Maximum deflection $\alpha$ (°)	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	
NID (mm)	80	90	1
	100	90	1
	130	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	
NID (mm)	80	6	6
	100	5	5
	130	4	4