

## DOP-UKCA-DW-501

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

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 DW

1.0 Model 1.4404 / 316L	Ø 80-300	T600 N1 D V2 L50040 G60
1.0 Model 1.4404 / 316L	Ø 350-450	T600 N1 D V2 L50040 G90
1.0 Model 1.4404 / 316L	Ø 500-600	T600 N1 D V2 L50040 G120
1.0 Model 1.4404 / 316L	Ø 650-1200	T600 N1 D V2 L50060 G240
1.1 Model 1.4404 / 316L with Fireshield	Ø 80-300	T450 N1 D V2 L50040 G60
1.1 Model 1.4404 / 316L with Fireshield	Ø 350-450	T450 N1 D V2 L50040 G90
1.1 Model 1.4404 / 316L with Fireshield	Ø 500-600	T450 N1 D V2 L50040 G120
1.1 Model 1.4404 / 316L with Fireshield	Ø 650-1200	T450 N1 D V2 L50060 G240
1.2 Model 1.4404 / 316L with seal	Ø 80-300	T200 P1 W V2 L50040 O00
1.2 Model 1.4404 / 316L with seal	Ø 350-600	T200 P1 W V2 L50040 O00
1.2 Model 1.4404 / 316L with seal	Ø 650-1200	T200 N1 W V2 L50060 O00
2.0 Model 1.4521 / 444	Ø 80-300	T600 N1 D V2 L99040 G60
2.0 Model 1.4521 / 444	Ø 350-450	T600 N1 D V2 L99040 G90
2.0 Model 1.4521 / 444	Ø 500-600	T600 N1 D V2 L99040 G120
2.0 Model 1.4521 / 444	Ø 650-1200	T600 N1 D V2 L99060 G240
2.1 Model 1.4521 / 444 with Fireshield	Ø 80-300	T450 N1 D V2 L99040 G60
2.1 Model 1.4521 / 444 with Fireshield	Ø 350-450	T450 N1 D V2 L99040 G90
2.1 Model 1.4521 / 444 with Fireshield	Ø 500-600	T450 N1 D V2 L99040 G120
2.1 Model 1.4521 / 444 with Fireshield	Ø 650-1200	T450 N1 D V2 L99060 G240
2.2 Model 1.4521 / 444 with seal	Ø 80-300	T200 P1 W V2 L99040 O00
2.2 Model 1.4521 / 444 with seal	Ø 350-600	T200 P1 W V2 L99040 O00
2.2 Model 1.4521 / 444 with seal	Ø 650-1200	T200 N1 W V2 L99060 O00
3.0 Model 1.4162 / S32101	Ø 80-600	T200 P1 W V2 L99050 O00
3.0 Model 1.4162 / S32101	Ø 650-1200	T200 N1 W V2 L99060 O00
4.0 Model 1.4301 / 304	Ø 80-300	T600 N1 D Vm L20040 G60
4.0 Model 1.4301 / 304	Ø 350-450	T600 N1 D Vm L20040 G90
4.0 Model 1.4301 / 304	Ø 500-600	T600 N1 D Vm L20040 G120
4.0 Model 1.4301 / 304	Ø 650-1200	T600 N1 D Vm L20060 G240
4.1 Model 1.4301 / 304 with Fireshield	Ø 80-300	T450 N1 D Vm L20040 G60
4.1 Model 1.4301 / 304 with Fireshield	Ø 350-450	T450 N1 D Vm L20040 G90
4.1 Model 1.4301 / 304 with Fireshield	Ø 500-600	T450 N1 D Vm L20040 G120
4.1 Model 1.4301 / 304 with Fireshield	Ø 650-1200	T450 N1 D Vm L20060 G240
4.2 Model 1.4301 / 304 with seal	Ø 80-300	T200 P1 W Vm L20040 O00
4.2 Model 1.4301 / 304 with seal	Ø 350-600	T200 P1 W Vm L20040 O00
4.2 Model 1.4301 / 304 with seal	Ø 650-1200	T200 N1 W Vm L20060 O00

### 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

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**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
<b>Compressive strength</b> Chimney Sections, fittings and supports	Up to 21 m (See annex) See annex	EN 1856-1:2009
<b>Resistance to fire</b>	Models 1.0, 2.0 and 4.0: Ø80-300: T600 – G60 Ø350-450: T600 – G90 Ø500-600: T600 – G120 Ø650-1200: T600 – G240  Models 1.1, 2.1 and 4.1: Ø80-300: T450 – G60 Ø350-450: T450 – G90 Ø500-600: T450 – G120 Ø650-1200: T450 – G240  Models 1.2, 2.2, 3.0 and 4.2: T200 – O00	EN 1856-1:2009
<b>Gas tightness/leakage</b>	Models 1.0, 1.1, 2.0, 2.1, 4.0, 4.1: N1 Models 1.2, 2.2, 3.0, 4.2: Ø80-300: P1 Ø350-600: P1 Ø650-1200: N1	EN 1856-1:2009
<b>Flow resistance of chimney sections, fittings and terminals</b>	According to EN 13384-1	EN 1856-1:2009
<b>Thermal resistance</b>	Ø80-300: 0.286 - 0.351 m <sup>2</sup> K/W tested at 200°C Ø350-600: 0.360 - 0.372 m <sup>2</sup> K/W tested at 200°C Ø650-1200: 0.373 - 0.381 m <sup>2</sup> K/W tested at 200°C	EN 1856-1:2009
<b>Thermal shock resistance</b> Soot fire resistance	Models 1.0, 1.1, 2.0, 2.1, 4.0, 4.1: Yes Models 1.2, 2.2, 3.0, 4.2: No	EN 1856-1:2009

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Thermal performance under normal operating conditions	Models 1.0, 2.0, 4.0: T600 Models 1.1, 2.1, 4.1: T450 Models 1.2, 2.2, 3.0, 4.2: T200	
<b>Flexural tensile strength (only for means of connection for chimney sections and fittings)</b>	Up to 68 m ( see annex)	EN 1856-1:2009
<b>Non vertical installation</b>	Maximum offset between supports: 3 m at 90° (see annex)	EN 1856-1:2009
<b>Components subject to wind load</b>	Maximum free standing height: 2.5 m above last support (see annex) Maximum spacing between lateral supports: 4 m (see annex)	EN 1856-1:2009
<b>Durability</b>		EN 1856-1:2009
Water and vapour diffusion resistance	Models 1.0, 1.1, 2.0, 2.1, 4.0, 4.1: Yes Models 1.2, 2.2, 3.0, 4.2: Yes	
Condensate penetration resistance	Models 1.0, 1.1, 2.0, 2.1, 4.0, 4.1: No Models 1.2, 2.2, 3.0, 4.2: Yes	
Against corrosion	Models 1.0, 1.1, 1.2: V2 Models 2.0, 2.1, 2.2; V2 Model 3.0: V2 Models 4.0, 4.1, 4.2: 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