

## DOP-UKCA-GE+-547

### 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 GE+

GE30+		
1.0 Model 1.4404 / 316L	Ø80-300	T600 H1 D V2 L50040 O40
1.0 Model 1.4404 / 316L	Ø350-450	T600 H1 D V2 L50040 O60
1.0 Model 1.4404 / 316L	Ø500-600	T600 H1 D V2 L50040 O80
1.1 Model 1.4404 / 316L	Ø80-300	T600 N1 D V2 L50040 G50
1.1 Model 1.4404 / 316L	Ø350-450	T600 N1 D V2 L50040 G75
1.1 Model 1.4404 / 316L	Ø500-600	T600 N1 D V2 L50040 G100
2.0 Model 1.4521 / 444	Ø80-300	T600 H1 D V2 L99040 O40
2.0 Model 1.4521 / 444	Ø350-450	T600 H1 D V2 L99040 O60
2.0 Model 1.4521 / 444	Ø500-600	T600 H1 D V2 L99040 O80
2.1 Model 1.4521 / 444	Ø80-300	T600 N1 D V2 L99040 G50
2.1 Model 1.4521 / 444	Ø350-450	T600 N1 D V2 L99040 G75
2.1 Model 1.4521 / 444	Ø500-600	T600 N1 D V2 L99040 G100
3.0 Model 1.4301 / 304	Ø80-300	T600 H1 D Vm L20040 O40
3.0 Model 1.4301 / 304	Ø350-450	T600 H1 D Vm L20040 O60
3.0 Model 1.4301 / 304	Ø500-600	T600 H1 D Vm L20040 O80
3.1 Model 1.4301 / 304	Ø80-300	T600 N1 D Vm L20040 G50
3.1 Model 1.4301 / 304	Ø350-450	T600 N1 D Vm L20040 G75
3.1 Model 1.4301 / 304	Ø500-600	T600 N1 D Vm L20040 G100
GE50+		
1.0 Model 1.4404 / 316L	Ø80-300	T600 H1 D V2 L50040 O40
1.0 Model 1.4404 / 316L	Ø350-450	T600 H1 D V2 L50040 O60
1.0 Model 1.4404 / 316L	Ø500-600	T600 H1 D V2 L50040 O80
1.1 Model 1.4404 / 316L	Ø80-300	T600 N1 D V2 L50040 G50
1.1 Model 1.4404 / 316L	Ø350-450	T600 N1 D V2 L50040 G75
1.1 Model 1.4404 / 316L	Ø500-600	T600 N1 D V2 L50040 G100
2.0 Model 1.4521 / 444	Ø80-300	T600 H1 D V2 L99040 O40
2.0 Model 1.4521 / 444	Ø350-450	T600 H1 D V2 L99040 O60
2.0 Model 1.4521 / 444	Ø500-600	T600 H1 D V2 L99040 O80
2.1 Model 1.4521 / 444	Ø80-300	T600 N1 D V2 L99040 G50
2.1 Model 1.4521 / 444	Ø350-450	T600 N1 D V2 L99040 G75
2.1 Model 1.4521 / 444	Ø500-600	T600 N1 D V2 L99040 G100
3.0 Model 1.4301 / 304	Ø80-300	T600 H1 D Vm L20040 O40
3.0 Model 1.4301 / 304	Ø350-450	T600 H1 D Vm L20040 O60
3.0 Model 1.4301 / 304	Ø500-600	T600 H1 D Vm L20040 O80
3.1 Model 1.4301 / 304	Ø80-300	T600 N1 D Vm L20040 G50
3.1 Model 1.4301 / 304	Ø350-450	T600 N1 D Vm L20040 G75
3.1 Model 1.4301 / 304	Ø500-600	T600 N1 D Vm L20040 G100
GE100+		
1.0 Model 1.4404 / 316L	Ø80-300	T600 H1 D V2 L50040 O30
1.0 Model 1.4404 / 316L	Ø350-450	T600 H1 D V2 L50040 O45
1.0 Model 1.4404 / 316L	Ø500-600	T600 H1 D V2 L50040 O60
1.1 Model 1.4404 / 316L	Ø80-300	T600 N1 D V2 L50040 G50
1.1 Model 1.4404 / 316L	Ø350-450	T600 N1 D V2 L50040 G75
1.1 Model 1.4404 / 316L	Ø500-600	T600 N1 D V2 L50040 G100
2.0 Model 1.4521 / 444	Ø80-300	T600 H1 D V2 L99040 O30
2.0 Model 1.4521 / 444	Ø350-450	T600 H1 D V2 L99040 O45
2.0 Model 1.4521 / 444	Ø500-600	T600 H1 D V2 L99040 O60
2.1 Model 1.4521 / 444	Ø80-300	T600 N1 D V2 L99040 G50

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2.1 Model 1.4521 / 444	Ø350-450	T600 N1 D V2 L99040 G75
2.1 Model 1.4521 / 444	Ø500-600	T600 N1 D V2 L99040 G100
3.0 Model 1.4301 / 304	Ø80-300	T600 H1 D Vm L20040 O30
3.0 Model 1.4301 / 304	Ø350-450	T600 H1 D Vm L20040 O45
3.0 Model 1.4301 / 304	Ø500-600	T600 H1 D Vm L20040 O60
3.1 Model 1.4301 / 304	Ø80-300	T600 N1 D Vm L20040 G50
3.1 Model 1.4301 / 304	Ø350-450	T600 N1 D Vm L20040 G75
3.1 Model 1.4301 / 304	Ø500-600	T600 N1 D Vm L20040 G100

**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
<b>Compressive strength</b> Chimney Sections, fittings and supports	GE30+: Up to 19 m (See annex) GE50+: Up to 14 m (See annex) GE100+: Up to 5 m (See annex)	EN 1856-1:2009
<b>Resistance to fire</b>	GE30+/GE50+ Models 1.0, 2.0 and 3.0: Ø80-300: T600 – O40 Ø350-450: T600 – O60 Ø500-600: T600 – O80 Models 1.1, 2.1 and 3.1: Ø80-300: T600 – G50 Ø350-450: T600 – G75 Ø500-600: T600 – G100  GE100+ Models 1.0, 2.0 and 3.0: Ø80-300: T600 – O30 Ø350-450: T600 – O45 Ø500-600: T600 – O60 Models 1.1, 2.1 and 3.1: Ø80-300: T600 – G50	EN 1856-1:2009

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	Ø350-450: T600 – G75 Ø500-600: T600 – G100	
<b>Gas tightness/leakage</b>	Models 1.0, 2.0 and 3.0: H1 Models 1.1, 2.1 and 3.1: 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>	GE30+: Ø80-600: 0.301 - 0.385 m <sup>2</sup> K/W tested at 200°C GE50+: Ø80-600: 0.351 - 0.522 m <sup>2</sup> K/W tested at 200°C GE100+: Ø80-600: 0.543 – 0.967 m <sup>2</sup> K/W tested at 200°C	EN 1856-1:2009
<b>Thermal shock resistance</b>		EN 1856-1:2009
Soot fire resistance	Models 1.0, 2.0 and 3.0: No Models 1.1, 2.1 and 3.1: Yes	
Thermal performance under normal operating conditions	T600	
<b>Flexural tensile strength (only for means of connection for chimney sections and fittings)</b>	0 m (to keep the outer wall compensator properties) ( see annex)	EN 1856-1:2009
<b>Non vertical installation</b>	Maximum offset between supports: Up to 3 m at 90° (see annex)	EN 1856-1:2009
<b>Components subject to wind load</b>	Maximum free standing height: Up to 1,5 m above last support (see annex) Maximum spacing between lateral supports: Up to 3 m (see annex)	EN 1856-1:2009
<b>Durability</b>		EN 1856-1:2009
Water and vapor diffusion resistance	Yes	
Condensate penetration resistance	No	
Against corrosion	Models 1.0, 1.1, 2.0 and 2.1: V2 Models 3.0 and 3.1: 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