

DOP-UKCA-SW-504

1. Unique identification code of the product-type:

Single 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 SW

1.0 Modelo 1.4404 / 316L	Ø 80-300	T200 P1 W V2 L50040 O30
1.0 Modelo 1.4404 / 316L	Ø 350-450	T200 P1 W V2 L50050 O45
1.0 Modelo 1.4404 / 316L	Ø 500-600	T200 P1 W V2 L50060 O60
1.0 Modelo 1.4404 / 316L	Ø 650-800	T200 P1 W V2 L50080 O120
1.1 Modelo 1.4404 / 316L	Ø 80-300	T250 N1 W V2 L50040 O50
1.1 Modelo 1.4404 / 316L	Ø 350-450	T250 N1 W V2 L50050 O75
1.1 Modelo 1.4404 / 316L	Ø 500-600	T250 N1 W V2 L50060 O100
1.1 Modelo 1.4404 / 316L	Ø 650-800	T250 N1 W V2 L50080 O200
2.0 Model 1.4521 / 444	Ø 80-300	T200 P1 W V2 L99040 O30
2.0 Model 1.4521 / 444	Ø 350-450	T200 P1 W V2 L99050 O45
2.0 Model 1.4521 / 444	Ø 500-600	T200 P1 W V2 L99060 O60
2.0 Model 1.4521 / 444	Ø 650-800	T200 P1 W V2 L99080 O120
2.1 Model 1.4521 / 444	Ø 80-300	T250 N1 W V2 L99040 O50
2.1 Model 1.4521 / 444	Ø 350-450	T250 N1 W V2 L99050 O75
2.1 Model 1.4521 / 444	Ø 500-600	T250 N1 W V2 L99060 O100
2.1 Model 1.4521 / 444	Ø 650-800	T250 N1 W V2 L99080 O200
3.0 Model 1.4162 / S32101	Ø 80-300	T200 P1 W V2 L99050 O30
3.0 Model 1.4162 / S32101	Ø 350-450	T200 P1 W V2 L99050 O45
3.0 Model 1.4162 / S32101	Ø 500-600	T200 P1 W V2 L99060 O60
3.0 Model 1.4162 / S32101	Ø 650-800	T200 P1 W V2 L99080 O120
3.1 Model 1.4162 / S32101	Ø 80-300	T250 N1 W V2 L99050 O50
3.1 Model 1.4162 / S32101	Ø 350-450	T250 N1 W V2 L99050 O75
3.1 Model 1.4162 / S32101	Ø 500-600	T250 N1 W V2 L99060 O100
3.1 Model 1.4162 / S32101	Ø 650-800	T250 N1 W V2 L99080 O200
4.0 Model 1.4301 / 304	Ø 80-300	T200 P1 W Vm L20040 O30
4.0 Model 1.4301 / 304	Ø 350-450	T200 P1 W Vm L20050 O45
4.0 Model 1.4301 / 304	Ø 500-600	T200 P1 W Vm L20060 O60
4.0 Model 1.4301 / 304	Ø 650-800	T200 P1 W Vm L20080 O120
4.1 Model 1.4301 / 304	Ø 80-300	T250 N1 W Vm L20040 O50
4.1 Model 1.4301 / 304	Ø 350-450	T250 N1 W Vm L20050 O75
4.1 Model 1.4301 / 304	Ø 500-600	T250 N1 W Vm L20060 O100
4.1 Model 1.4301 / 304	Ø 650-800	T250 N1 W Vm L20080 O200

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)

DOP-UKCA-SW-504

dinak@dinak.com
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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 72 m (See annex) See annex	EN 1856-1:2009
Resistance to fire	Models 1.0, 2.0, 3.0 and 4.0: Ø80-300: T200 – O30 Ø350-450: T200 – O45 Ø500-600: T200 – O60 Ø650-800: T200 – O120 Models 1.1, 2.1, 3.1 and 4.1: Ø80-300: T250 – O50 Ø350-450: T250 – O75 Ø500-600: T250 – O100 Ø650-800: T250 – O200	EN 1856-1:2009
Gas tightness/leakage	Models 1.0, 2.0, 3.0 and 4.0: P1 Models 1.1, 2.1, 3.1 and 4.1: 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	EN 1856-1:2009
Thermal shock resistance Soot fire resistance	Models 1.0, 1.1, 2.0, 2.1, 3.0, 3.1, 4.0 and 4.1: No	EN 1856-1:2009
Thermal performance under normal operating conditions	Models 1.0, 2.0, 3.0 and 4.0: T200 Models 1.1, 2.1, 3.1 and 4.1: T250	
Flexural tensile strength (only for means of connection for chimney sections and fittings)	Up to 138 m (see annex)	EN 1856-1:2009
Non vertical installation	Maximum offset between supports: 3 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: 4 m (see annex)	EN 1856-1:2009
Durability		EN 1856-1:2009

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Water and vapour diffusion resistance	Models 1.0, 1.1, 2.0, 2.1, 3.0, 3.1, 4.0 and 4.1: Yes	
Condensate penetration resistance	Models 1.0, 1.1, 2.0, 2.1, 3.0, 3.1, 4.0 and 4.1: Yes	
Against corrosion	Models 1.0 and 1.1: V2 Models 2.0 and 2.1: V2 Models 3.0 and 3.1: V2 Models 4.0 and 4.1: 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, 1st September 2022