



Declaration of performance

Regulation (EU) No 305/2011 of the European parliament and of the council

ENG – 11 – DOP – 21 – 08 – 19

1 Unique identification code of the product-type:

Almeva Triple DW50

Versions: 0.1 to 0.5

Three-layer chimney system without surface treatment and ventilation duct with a width of 50 mm in the passage through the ceiling:

0.1	T600 – N1 – W – V2 – L50050 – G50	DN (80-200 mm)
0.1	T600 – N1 – W – V2 – L50060 – G50	DN (250-300 mm)
0.1	T600 – N1 – W – V2 – L50060 – G75	DN (350-450 mm)
0.1	T600 – N1 – W – V2 – L50060 – G100	DN (500-550 mm)
0.1	T600 – N1 – W – V2 – L50080 – G100	DN (600 mm)

Three-layer chimney system with surface treatment and ventilation duct with a width of 100 mm in the passage through the ceiling:

0.2	T600 – N1 – W – V2 – L50050 – G100	DN (80-200 mm)
0.2	T600 – N1 – W – V2 – L50060 – G100	DN (250-300 mm)
0.2	T600 – N1 – W – V2 – L50060 – G150	DN (350-450 mm)
0.2	T600 – N1 – W – V2 – L50060 – G200	DN (500-550 mm)
0.2	T600 – N1 – W – V2 – L50080 – G200	DN (600 mm)

Three-layer chimney system with or without surface treatment and an insulated passage through the ceiling:

0.3	T450 – N1 – W – V2 – L50050 – G80	DN (80-200 mm)
0.3	T450 – N1 – W – V2 – L50060 – G80	DN (250-300 mm)
0.3	T450 – N1 – W – V2 – L50060 – G120	DN (350-450 mm)
0.3	T450 – N1 – W – V2 – L50060 – G160	DN (500-550 mm)
0.3	T450 – N1 – W – V2 – L50080 – G160	DN (600 mm)

Three-layer chimney system with or without surface treatment and an insulated passage through the ceiling:

0.4	T200 – P1 – W – V2 – L50050 – O50	DN (80-200 mm)	silicone gasket
0.4	T200 – P1 – W – V2 – L50060 – O50	DN (250-300 mm)	silicone gasket
0.4	T200 – P1 – W – V2 – L50060 – O75	DN (350-450 mm)	silicone gasket
0.4	T200 – P1 – W – V2 – L50060 – O100	DN (500-550 mm)	silicone gasket
0.4	T200 – P1 – W – V2 – L50080 – O100	DN (600 mm)	silicone gasket
0.5	T120 – P1 – W – V2 – L50050 – O50	DN (80-200 mm)	EPDM gasket
0.5	T120 – P1 – W – V2 – L50060 – O50	DN (250-300 mm)	EPDM gasket
0.5	T120 – P1 – W – V2 – L50060 – O75	DN (350-450 mm)	EPDM gasket
0.5	T120 – P1 – W – V2 – L50060 – O100	DN (500-550 mm)	EPDM gasket
0.5	T120 – P1 – W – V2 – L50080 – O100	DN (600 mm)	EPDM gasket

2 Intended use: Flue system designed to convey exhaust gases from an appliance to the outdoors

3 Manufacturer: Almeva East Europe s.r.o.
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5 System of AVCP: System 2+

6a Harmonised standard: EN 1856-1: 2009

Notified body: No 1020 Technical and Test Institute for Construction Prague, SOE (Czech Republic) issued ES certificates of factory production control No 1020 – CPR – 030056035, on the grounds of initial inspection in the company and on the system of the production management as well as on the continuous supervision, assessment and the evaluation of the production management system.

7 Declared performances

Basic characteristic	Attributes	Harmonized technical specification
Compressive strength	Versions 0.1 – 0.5: DN (80 - 200) : 15 m DN (250 - 300) : 10 m DN (350 - 600) : 5 m DN (350 - 600) : 10 m without T-piece	EN 1856-1: 2009
Tensile strength	Versions 0.1 – 0.5: NPD	EN 1856-1: 2009
Fire resistance	<p>- with a ventilated gap:</p> <p>Version 0.1: DN (80 – 300) – T600 G50 DN (350 – 450) – T600 G75 DN (500 – 600) – T600 G100</p> <p>Version 0.2: DN (80 – 300) – T600 G100 DN (350 – 450) – T600 G150 DN (500 – 600) – T600 G200</p> <p>- with a not ventilated gap:</p> <p>Version 0.3: DN (80 – 300) – T450 G80 DN (350 – 450) – T450 G120 DN (500 – 600) – T450 G160</p> <p>Version 0.4: DN (80 – 300) – T200 O50 DN (350 – 450) – T200 O75 DN (500 – 600) – T200 O100</p> <p>Version 0.5: DN (80 – 300) – T120 O50 DN (350 – 450) – T120 O75 DN (500 – 600) – T120 O100</p>	EN 1856-1: 2009
Gas-tightness	Versions 0.1 – 0.3: N1 Version 0.4 and 0.5: P1	EN 1856-1: 2009
Pressure loss of chimney: medium roughness	Versions 0.1 – 0.5: 1 mm by EN 13384-1	EN 1856-1: 2009
Temperature resistance	Versions 0.1 – 0.5: NPD	EN 1856-1: 2009
Fire resistance	Versions 0.1 – 0.3: G Version 0.4 and 0.5: O	EN 1856-1: 2009
Temperature class	Versions 0.1 – 0.2: T600 Version 0.3: T450 Version 0.4: T200 Version 0.5: T120	EN 1856-1: 2009

7 Declared performances

Basic characteristic	Attributes	Harmonized technical specification
Resistance to wind load	Versions 0.1 – 0.5: Between the anchoring: DN (80 – 250) : 3,0 m DN (300 – 600) : 2,5 m Above the last anchoring: DN (80 – 250) : 2,5 m DN (300 – 600) : 1,0 m	EN 1856-1: 2009
Water resistance and water vapor penetration	Versions 0.1 – 0.5: YES	EN 1856-1: 2009
Resistance to condensate penetration	Versions 0.1 – 0.5: YES	EN 1856-1: 2009
Class corrosion resistance	Versions 0.1 – 0.5: V2	EN 1856-1: 2009
Frost resistance	Versions 0.1 – 0.5: YES	EN 1856-1: 2009

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



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Pavel Mareček (executive director)

CZ-664 43 Želešice, 21 August 2019