



DECLARATION OF PERFORMANCE

CH-03-DOP-23-06-17

1. Unique identification code of the product-type:

Chimney systems with plastic inserts acc. EN 14471:2013+A1:2015 type Almeva

1.1. The designation of different variations product-type:

Number	Product version	The designation of variations product-type
0.0	Almeva Easy (single wall) (from Ø200)	T120 – P1 – O – W – 2 – O20 – LI – E – U
0.1	Almeva Easy (single wall) (to Ø160)	T120 – H1 – O – W – 2 – O20 – LI – E – U
0.2	Almeva Easy (Flex RAL 7032) (to Ø200)	T120 – P1 – O – W – 2 – O20 – LI – E – U
0.3	Almeva Easy (Flex RAL 9005) (to Ø100)	T120 – H1 – O – W – 2 – O20 – LI – E – U
0.4	Almeva Easy (Flex RAL 9005) (from Ø125)	T120 – P1 – O – W – 2 – O20 – LI – E – U
0.5	Almeva Double (LIK) (from Ø200)	T120 – P1 – O – W – 2 – O00 – LI – E – U1
0.6	Almeva Double (LIK) (to Ø160)	T120 – H1 – O – W – 2 – O00 – LI – E – U1
0.7	Almeva Double (LIB/LIL) (from Ø200)	T120 – P1 – O – W – 2 – O00 – LI – E – U0
0.8	Almeva Double (LIB/LIL) (to Ø160)	T120 – H1 – O – W – 2 – O00 – LI – E – U0
0.9	Almeva Double (LAB/LAL/LAC) (from Ø200)	T120 – P1 – O – W – 2 – O00 – LE – E – U0
1.0	Almeva Double (LAB/LAL/LAC) (to Ø160)	T120 – H1 – O – W – 2 – O00 – LE – E – U0
1.1	The duct (from Ø200)	T120 – P1 – O – W – 2 – O00 – LI – E – U0
1.2	The duct (to Ø160)	T120 – H1 – O – W – 2 – O00 – LI – E – U0

2. Intended use/es:

Flue system designed to convey exhaust gases from an appliance to the outdoors

3. Manufacturer:

Almeva AG

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Tel: +41 71 644 90 20

Fax: +41 71 644 90 29

www.almeva.eu

4. Authorized representative:

Not applicable

5. System/s of AVCP:

System 2+

6. Harmonized standard:

EN 14471:2013+A1:2015

7. Notified body/ies:

TÜV SÜD INDUSTRIE SERVICE GMBH

WESTENDSTRASSE 199

DE - 80686 MÜNCHEN

NOTIFIZIERTE STELLE NR. 0036

8. Declared performance/s:

Basic characteristics	Attributes	Harmonized technical specification
Compressive strength (maximum height)	to 30m	EN 14471:2013+A1:2015
Resistance to wind load (freestanding distance above the last anchor)	Product version 0.9-1.0: 3m above the last anchoring	EN 14471:2013+A1:2015
Resistance to wind load (maximum height between the two anchoring)	Product version 0.9-1.0: 4m between the two anchoring	EN 14471:2013+A1:2015
Reaction to fire	E	EN 14471:2013+A1:2015
Class of outer wall	Product version 0.0-0.4: U Product version 0.5-0.6: U1 Product version 0.7-1.2: U0	EN 14471:2013+A1:2015
Fire resistance	O	EN 14471:2013+A1:2015
Distance from flammable materials (mm)	Product version 0.0-0.4: 20 Product version 0.5-1.2: 00	EN 14471:2013+A1:2015
Gas-tightness	Product version 0.0, 0.2, 0.4, 0.5, 0.7, 0.9, 1.1: P1 Product version 0.1, 0.3, 0.6, 0.8, 1.0, 1.2: H1	EN 14471:2013+A1:2015
Durability against thermal load	T120	EN 14471:2013+A1:2015
Dimensions (mm)	Product version 0.0, 0.5, 0.7, 0.9, 1.1: Ø200-315 Product version 0.1, 0.6, 0.8, 1.0, 1.2: Ø60-160 Product version 0.2: Ø60-200 Product version 0.3: Ø60-100 Product version 0.4: Ø125	EN 14471:2013+A1:2015

Basic characteristics	Attributes	Harmonized technical specification
Thermal resistance (m ² K/W)	R00	EN 14471:2013+A1:2015
Pressure loss	corresponds to EN13384-1	EN 14471:2013+A1:2015
Flow resistance of chimney sections (<i>r</i> = average roughness of inner liner)	Product version 0.0-0.1, 0.5-1.2: r=1,0mm Product version 0.2: r=3,5mm Product version 0.3-0.4: r=2,0mm	EN 13384-1
Flow resistance of terminals: (ζ_F = coefficient of flow resistance for the flue duct) (ζ_A = coefficient of flow resistance for the air duct)	NPD	EN 14471:2013+A1:2015
Flexural tensile strength	≤1,5m	EN 14471:2013+A1:2015
Tensile bending strength (maximum bending)	Product version 0.0-0.1, 0.5-1.2: 87° Product version 0.2-0.4: 45°	EN 14471:2013+A1:2015
Resistance to condensate class	W	EN 14471:2013+A1:2015
Resistance to corrosion class	2	EN 14471:2013+A1:2015
Durability against UV (location class)	Product version 0.0-0.8, 1.1-1.2: LI Product version 0.9-1.0: LE	EN 14471:2013+A1:2015
Thermal performance (Temperature class)	T120	EN 14471:2013+A1:2015
Freeze thaw resistance	YES	EN 14471:2013+A1:2015
Dangerous substances	No release of dangerous substances in planned operation	Accordance with national regulations

9. 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:

Jürg Braun (executive director)

At CH-9220 Bischofszell, 28. June 2017



signature