



Declaration of Performance DoP

The European Union and Council regulation (EU) no.305/2011

0036 CPD 9165 001

- 1** chimneys – Chimney systems with plastic inserts EN 14471:2013
- 2** system: Almeva Easy and Almeva Double

Versions: 0.1 to 0.6

- | | | |
|-----|---|--|
| 0.1 | T120 - P1 - O - W - 2 - O20 - I - E - L | one-layer gas and oil flue system (from DN 200) |
| 0.2 | T120 - H1 - O - W - 2 - O20 - I - E - L | one-layer gas and oil flue system (to DN 160) |
| 0.3 | T120 - P1 - O - W - 2 - O00 - I - E - L | two-layer gas and oil flue system (from DN 200) |
| 0.4 | T120 - H1 - O - W - 2 - O00 - I - E - L | two-layer gas and oil flue system (to DN 160) |
| 0.5 | T120 - P1 - O - W - 2 - O00 - I - E - L | two-layer gas and oil flue system (exterior) (from DN 200) |
| 0.6 | T120 - H1 - O - W - 2 - O00 - I - E - L | two-layer gas and oil flue system (exterior) (to DN 160) |

Variants:

Variant 0.1 - 0.2

System is distributed as Almeva Easy

Variant 0.3 - 0.6

System is distributed as Almeva Double

Usage:

Flue system outlet, under pressure

Flue system outlet, overpressure

Installation into the building or the installation onto the building

For oil or gas appliances

Inner pipe (flue gas): PPH

Outer pipe (interior): steel, stainless steel, aluminum, plastic

Outer pipe (exterior): stainless steel, painted stainless steel / galvanized

Date: July 2013

- 3** Flue system designed to convey exhaust gases from an appliance to the outdoors
- 4**
- Almeva AG
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- 6** System of evaluation and authentication of the attribute stability of the building product itself: 2+
- 7** The given subject no. 0036 TÜV Industrie Service GmbH, Munich (Germany) issued ES certificates of factory production control no. 0036 - CPD - 9165 001 (certificate of conformity production no. 0036 - CPR - 9165 001), on the grounds of initial inspection in the company and the on the system of the production management as well as on the continuous supervision, assessment and the evaluation of the production management system.

9 The attributes stated in the declaration:

Basic characteristics	Attributes	Harmonized technical specification
Compressive strength (maximum height)	to 30 m	EN 14471:2013
Resistance to wind load (freestanding distance above the last anchor)	Versions 0.5 and 0.6 (with conical socket): 3 m above the last anchoring	EN 14471:2013
Resistance to wind load (maximum height between the two anchoring)	Versions 0.5 and 0.6 (with conical socket): 4 m between the two anchoring	EN 14471:2013
Fire resistance (temperature class, Resistance to burn off soot, Distance from flammable materials, the class of the casing)	0.1 - 0.2: I (without casing) E (with casing) 0.3 - 0.6: E (with metal casing) 0.1 - 0.6: E (no resistance when burn ashes) 0.1 - 0.2: distance \geq 20 mm 0.3 - 0.6: distance \geq 0 mm 0.1 - 0.2: L (without casing) 0.3 - 0.6: L0 (with metal casing) 0.3 - 0.4: L1 (with PP-casing)	EN 13501-1 EN 14471:2013
Gas-tightness	0.1 - 0.6: P1 \geq DN 160 0.1 - 0.6: H1 \leq DN 160	EN 14471:2013
Temperature class	0.1 - 0.6: T120	EN 14471:2013
Dimension	0.1 - 0.6: DN 60 0.1 - 0.6: DN 80 0.1 - 0.6: DN 110 0.1 - 0.6: DN 125 0.1 - 0.6: DN 160 0.1 - 0.6: DN 200 0.1 - 0.2: DN 250 0.1 - 0.2: DN 315	EN 14471:2013
Thermal resistance	0.1 - 0.6: R00	EN 14471:2013
Pressure loss	corresponds to EN13384-1	EN 14471:2013
Tensile bending strength	0.1 - 0.6: \leq 1.5 m	EN 14471:2013

9 The attributes stated in the declaration: continued

Basic characteristics	Attributes	Harmonized technical specification
Tensile bending strength (maximum bending)	45 °	EN 14471:2013
Resistance to condensate class	W	EN 14471:2013
Class corrosion resistance	2	EN 14471:2013
UV-radiation resistance	Selected elements	EN 14471:2013
Temperature class	T120	EN 14471:2013
Reaction to fire class	E	EN 13501-1 EN 14471:2013
Frost/thaw resistance	NPD	EN 14471:2013
Dangerous substances	Stated substances	in accordance with national regulations

10 Product properties stated in the points 1 and 2, conform to the properties stated in point no 9.

The declaration of performance is issued under the responsibility of the manufacturer cited in the point no 4.

Signed for and on behalf of the manufacturer:

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Jürg Braun (executive director)

Bischofszell, 29 July 2013