



Declaration of conformity and product information

"Chimneys - Requirements for metal chimneys – Part 1: System chimney products" BS EN 1856-1:2009

Manufacturer's identification:

jeremias GmbH
Opfenrieder Str. 11-14
91717 Wassertrüdingen
Tel.: +49 (0) 9832 / 68 68-50
Fax: +49 (0) 9832 / 6868-68
Internet: www.jeremias.de
E-Mail: info@jeremias.de

Product trade name:

DW-ECO (Double wall chimney system with 25 mm heat insulation)

Certification office:

TÜV SÜD Industrie Service GmbH

Certification no. / Year:

0036 CPD 9174 008 / 2006

Name and position of the responsible person:

Stefan Engelhardt CEO

Identification of accompanying documentation according to EN 1856-1:2009 enclosure ZA picture ZA 2

0.1	Metal chimney	EN 1856-1	T400	N1	W	V2-L50050	O30 O45 O60	80 - 300 350 - 450 500 - 600	Double wall chimney system, moisture resistant, with 25 mm heat insulation, ventilated throughout the whole length, without covering. Operation mode in negative pressure
0.2	Metal chimney	EN 1856-1	T400	N1	D	V3-L50050	G70 G105 G140	80 - 300 350 - 450 500 - 600	Double wall chimney system, sootfire resistant, with 25 mm heat insulation, ventilated throughout the whole length, without covering. Operation mode in negative pressure
0.3	Metal chimney	EN 1856-1	T600	N1	W	V2-L50050	O50 O75 O100	80 - 300 350 - 450 500 - 600	Double wall chimney system, moisture resistant, with 25 mm heat insulation, ventilated throughout the whole length, without covering. Operation mode in negative pressure
0.4	Metal chimney	EN 1856-1	T600	N1	D	V3-L50050	G70 G105 G140	80 - 300 350 - 450 500 - 600	Double wall chimney system, sootfire resistant, with 25 mm heat insulation, ventilated throughout the whole length, without covering. Operation mode in negative pressure

Properties of double wall metal chimney system

Product description

Standard number

Temperature level

Pressure level

Condensate resistance
(W: wet / D: dry)

Corrosion resistance

Flue liner material
specification

Sootfire resistance
(G: yes / O: no) and
distance to combustible
material (in mm)

Nominal diameter (Ø)
(inner tube) in mm

Compressive strength:

Maximum load (see encl. H-1 Installing instructions)

Flow resistance:

Average roughness: 1,0 mm, Zeta-values according to DIN EN 13384-1 (see encl. H-1 Installing instructions)

Thermal resistance: >0,26 m²K/W

Flexural strength:

Angular assembly: Maximum length between two supports: 3 m at 90°

Tensile strength:

See encl. H-1 Installing instructions

Wind load: free standing end above last fixation:

≤3 m ≤Ø300 mm (0,5 mm wall thickness)

≤2,5 m Ø350 – ≤Ø400 mm (0,5 mm wall thickness)

≤1,5 m Ø450 – ≤Ø600 mm (0,6 mm wall thickness)

Maximum distance between vertical supports: 4 m

Freeze-thaw resistance: Yes

Cleaning:

The chimney system is only allowed to be cleaned with cleaning devices made of plastic or rust-resistant stainless steel.