Declaration of Performance (DOP)

No. 9174 076 DOP 2014-01-15

1. Unique identification code of the product-type:

   Rigid connecting pipe type EW-VH according to EN 1856-2:2009

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

   Rigid, single wall connecting pipe without insulation type EW-VH[1)]

   Model 1 **DN (110- 180) T400 – N1 – D – V2 – L50050 – G400 M [3)]** **(with radiation protection G300)**

   [1] Manufacturer product identification
   [2] Not Measured (NM) means 3 times the Nominal Diameter with a minimum of 375 mm
   [3] Measured (M)

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

   Convey the products of combustion from heating appliances to the chimney

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

   jeremias GmbH
   Opfenrieder Straße 11-14
   DE-91717 Wassertrüdingen
   Tel.: +49 9832 68 68 0
   Fax: +49 9832 68 68 68
   Email: info@jeremias.de

5. Where applicable, name and contact address of the authorized 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 CPR, Annex V:

   System 2+

7. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

   Notified factory production control certification body no. 0036 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity 0036 CPR 9174 076 of the factory production control.

8. Declared Performance:

	Essential Characteristics	Performance	Harmonized technical specification
8.1	Compressive strength	Model 1 DN (110- 180): **up to 15 m**	EN 1856-2:2009
8.2	Tensile strength	Model 1 DN (110- 180): **n.p.d.**	
8.3	Non vertical installation	Model 1 Horizontal **3 m between supports*** * Please pay attention to the mounting instructions, an incline, all incline has to be arranged for where applicable.	
8.4	Resistance to fire	Model 1 DN (110- 180): **G400 M**	EN 1856-2:2009
8.5	Gas tightness/ leakage	Model 1 DN (110- 180): **N1**	EN 1856-2:2009
8.6	Flow resistance of chimney sections and fittings	According to EN 13384-1	EN 1856-2:2009
8.7	Sootfire resistance	Model 1 DN (110- 180): **Yes** [2)] [2)] because designated G	EN 1856-2:2009
8.8	Thermal performance under normal operating conditions	Model 1 DN (110- 180): **T400*** *(Heating strain at nominal operating temperature)	
	Durability:		EN 1856-2:2009
8.9	Water and vapour diffusion resistance	Model 1 DN (110- 180): **No**	
8.10	Condensate penetration resistance	Model 1 DN (110- 180): **No**	
8.11	Against corrosion	Model 1 DN (110- 180): **V2**	
8.12	Freeze thaw resistance	Model 1 DN (110- 180): **Yes**	

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:

Wassertrüdingen, 15th January 2014

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Stefan Engelhardt CEO

Product information

"Chimneys - Requirements for metal chimneys - Part 2:
Metal flue liners and connecting flue pipes" EN 1856-2:2009

Manufacturer´s identification:

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

Product trade name: **EW-VH connecting pipe**
(rigid single wall connecting pipe without heat insulation)

Certification office: TÜV SÜD Industrie Service GmbH

Name and position of the responsible person: **Stefan Engelhardt** CEO

Identification of accompanying documentation

rigid connecting pipe EW-VH	**0.1**	**EN 1856-2**	**T400**	**N1**	**D**	**V2-L50050**	**G400 M[1]**	**110 - 180**	Single wall, sootfire resistant connecting pipe, composed of rigid pipes and elements, ventilated along the whole length, without covering. Locking band necessary. Operation mode in negative pressure. Surface without coating (solid fuels, oil, gas). **For temperature levels >T400 or when necessary to have shorter distances to combustible materials, the double wall connecting pieces of the following Certificate No. are to be used: 0036 CPD 9174 041 /…047/…048/…049 or …054**

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) **without radiation protection**
M = tested distance
NM = calculated distance

Nominal diameter (Ø) (inner tube) in mm

Rigid connecting pipe of metal

Compressive strength:

>15 m over the modules and the connections of the elements

Flexural strength:

Non vertical installation:
≤ 3 m between two brackets, supports or fixations.

Flow resistance:

Average roughness: 1.0 mm
Zeta-values according EN 13384-1

Thermal resistance:

0 m²K/W

Sootfire resistance:

Yes

Freeze-thaw resistance:

Yes

Cleaning:

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

[1] With radiation protection the distance to combustible materials can be defined at 300mm for all diameters!