

Declaration of Performance (DOP)

No. 9174 013 DOP 2016-01-26

- Unique identification code of the product-type: Rigid and flexible flue liner type LINE-F 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 and flexible flue liner, type LINE-F¹⁾

Model 1 EW-Line Flex FU	flexible single-ply metal flue liner	T400	N1 W V2-L50008 G ²⁾
Model 2 EW-Line Flex FU	flexible single-ply metal flue liner	T600	N1 W V2-L50008 G ²⁾
Model 3 EW-Line Flex AL	flexible single-ply metal flue liner	T120	P1 W V2-L50008 O ^{2) 4)}
Model 4 EW-Line Flex AL	flexible single-ply metal flue liner	T200	P1 W V2-L50008 O ^{2) 4)}
Model 5 EW-Line Flex FU	flexible single-ply metal flue liner	T200	N1 W V2-L50008 O ²⁾
Model 6 EW-Line Flex FU	flexible double-layered metal flue liner	T400	N1 W V2-L50008 G ³⁾
Model 7 EW-Line Flex FU	flexible double-layered metal flue liner	T600	N1 W V2-L50008 G ³⁾
Model 8 EW-Line Flex AL	flexible double-layered metal flue liner	T120	P1 W V2-L50008 O ^{3) 4)}
Model 9 EW-Line Flex AL	flexible double-layered metal flue liner	T200	P1 W V2-L50008 O ^{3) 4)}
Model 10 EW-Line Flex FU	flexible double-layered metal flue liner	T200	N1 W V2-L50008 O ³⁾
Model 11 Line EW-FU	rigid metal flue liner	T400	N1 W V2-L50060 G
Model 12 Line EW-FU	rigid metal flue liner	T600	N1 W V2-L50060 G
Model 13 Line EW-ALBI	rigid metal flue liner	T120	P1 W V2-L50060 O ⁵⁾
Model 14 Line EW-ALBI	rigid metal flue liner	T200	P1 W V2-L50060 O ⁶⁾
Model 15 Line EW-FU	rigid metal flue liner	T200	N1 W V2-L50060 O
 Manufacturer product identification L flexible single-ply flue liner 0.08 mm flexible double-layered flue liner 2 x 0 with sealant of silicone 			

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

⁵⁾ with EPDM gasket ⁶⁾ with silicone gasket

- Convey the products of combustion from heating appliances to the outside atmosphere
- 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: <u>info@jeremias.de</u>

5. Where applicable, name and contact address of the authorised 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+ and System 4

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 013 of the factory production control.

8. Declared performance:



	Essential Characteristics		Performa	nce	Harmonized technical specification
8.1	Compressive strength of fittings and supports	Model 1 to 5 Model 6 to 10 Model 11 to 15 Model 11 to 15 Model 11 to 15 For further informatio	flexible single-ply flexible double-layered rigid flue liner rigid flue liner rigid flue liner n see the installation instructio	DN (80- 300): not applicable DN (80- 300): not applicable DN (80- 300): min. 27 m DN (350- 450): min. 21 m DN (500- 600): min. 15 m on LINE-F	
8.2	Crushing resistance	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): Passed DN (80- 300): Passed DN (80- 600): not applicable	
8.3	Flexibility	Model 1 to 5 Minimum bending Model 6 to 10 Minimum bending Model 11 to 15	flexible double-layered	DN (80- 300): DN (80- 300): DN (80- 600): not applicable	EN 1856-2:2009
8.4	Torsion strength	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): Passed DN (80- 300): Passed DN (80- 600): not applicable	
8.5	Pulling force < 0,5 kN	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): Passed DN (80- 300): Passed DN (80- 600): not applicable	
8.6	Resistance to fire	Model 1 Model 2 Model 3 Model 4 Model 5 Model 6 Model 7 Model 8 Model 9 Model 10 Model 11 Model 12 Model 13 Model 14 Model 15	flexible single-ply flexible single-ply flexible single-ply flexible single-ply flexible single-ply flexible double-layered flexible double-layered	DN (80- 300): G DN (80- 300): G DN (80- 300): O DN (80- 300): O DN (80- 300): O DN (80- 300): G DN (80- 300): G DN (80- 300): O DN (80- 300): O DN (80- 600): C DN (80- 600): G DN (80- 600): O DN (80- 600): O DN (80- 600): O	EN 1856-2:2009
8.7	Gas tightness/ leakage	Model 1 Model 2 Model 3 Model 4 Model 5 Model 6 Model 7 Model 7 Model 8 Model 9 Model 10 Model 11 Model 12 Model 13 Model 14 Model 15	flexible single-ply flexible single-ply flexible single-ply flexible single-ply flexible single-ply flexible double-layered flexible double-layered	DN (80- 300): N1 DN (80- 300): N1 DN (80- 300): P1 DN (80- 300): P1 DN (80- 300): N1 DN (80- 300): N1 DN (80- 300): N1 DN (80- 300): P1 DN (80- 300): N1 DN (80- 600): N1 DN (80- 600): N1 DN (80- 600): P1 DN (80- 600): P1 DN (80- 600): N1	EN 1856-2:2009

8. Declared performance:



	Essential Characteristics		Performan	ce	Harmonized technical specification
8.8	Flow resistance of chimney sections, fittings and terminals	ζ (Zeta-value) sing Average assembly Model 1 to 5 Model 6 to 10 Model 11 to 15		DN (80 – 300): 1.5 mm DN (80 – 300): 1.5 mm DN (80 – 600): 1.0 mm according to EN 13384	EN 1856-2:2009
8.9	Sootfire resistance Thermal performance under	Model 1 and 2 Model 3 to 5 Model 6 and 7 Model 8 to 10 Model 11 and 12 Model 13 to 15 ²⁾ because designa Model 1 Model 1 Model 2	flexible single-ply flexible single-ply flexible double-layered flexible double-layered rigid flue liner rigid flue liner ated O flexible single-ply flexible single-ply	DN (80- 300): Yes DN (80- 300): No ²⁾ DN (80- 300): Yes DN (80- 300): No ²⁾ DN (80- 600): Yes DN (80- 600): No ²⁾ DN (80- 300): T400 DN (80- 300): T600	
	normal operating conditions	Model 3 Model 4 Model 5 Model 6 Model 7 Model 7 Model 8 Model 9 Model 10 Model 11 Model 12 Model 13 Model 14 Model 15	flexible single-ply flexible single-ply flexible single-ply flexible double-layered flexible double-layered flexible double-layered flexible double-layered flexible double-layered flexible double-layered flexible double-layered rigid flue liner rigid flue liner rigid flue liner rigid flue liner rigid flue liner	DN (80- 300): T120 DN (80- 300): T200 DN (80- 300): T200 DN (80- 300): T400 DN (80- 300): T400 DN (80- 300): T120 DN (80- 300): T200 DN (80- 600): T200 DN (80- 600): T400 DN (80- 600): T400 DN (80- 600): T200 DN (80- 600): T200 DN (80- 600): T200 DN (80- 600): T200	EN 1856-2:2009
8.11	Durability: Water and vapour diffusion resistance	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): Yes DN (80- 300): Yes DN (80- 600): Yes	
8.12	Condensate penetration resistance	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): Yes DN (80- 300): Yes DN (80- 600): Yes	EN 1856-2:2009
8.13	Against corrosion	Model 1 to 5 Model 6 to 10 Model 11 to 15	flexible single-ply flexible double-layered rigid flue liner	DN (80- 300): V2 DN (80- 300): V2 DN (80- 600): V2	
8.14	Freeze thaw resistance	Model 1 to 15	flexible single-ply, flexible Yes	double-layered and rigid flue liner:	



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, 26th January 2016

Stefan Engelhardt CEO



Product information

"Chimneys – Requirements for metal chimneys - Part 2: Metal flue liners and connecting flue pipes" DIN 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: <u>www.jeremias.de</u> E-Mail: <u>info@jeremias.de</u> LINE-F (single wall, rigid and flexible flue liner, installation in stack) Product subgroup: EW-Line Flex FU / EW-Line Flex AL / Line EW-FU / Line EW-ALBI

TÜV SÜD Industrie Service GmbH

Stefan Engelhardt CEO



Product trade name:

Certification office:

Name and position of the responsible person: Identification of accompanying documentation

Inter Inter Interse In									
0.4 EV*-UNE PIRK PU Insolute mater EN 1962-2 1000 N W V2-L30008 C drimmery, which meet the requirements for fing protection. Operation mode in registre pressure. 0.3 EW-Line Flex AL flexble metal EN 1965-2 1720 P1 W V2-L50008 P1 P1 W V2-L50008 P1 P1 W V2-L50008 P1 P1 P1 V2-L50008 P1 P1 <td< td=""><td>0.1 EW-Line Flex FU</td><td></td><td>EN 1856-2</td><td>T400</td><td>N1</td><td>w</td><td>V2-L50008</td><td>G</td><td>chimneys, which meet the requirements for fire protection. Operation mode in</td></td<>	0.1 EW-Line Flex FU		EN 1856-2	T400	N1	w	V2-L50008	G	chimneys, which meet the requirements for fire protection. Operation mode in
0.3 EV-Line Flox AL Incolumental EN 1960-2 11/2 P W V2-L50008 C Installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.4 EW-Line Flox AL Iteoble metal EN 1960-2 1200 N1 W V2-L50008 C Flox/be angle will flue in reviration mode in positive pressure. 0.5 EW-Line Flox FU Reside metal EN 1960-2 1200 N1 W V2-L50008 C Flox/be angle will flue in reviration mode in control resistant, installation in stacks / interpressure. 0.6 EW-Line Flox FU Reside metal EN 1950-2 1700 N1 W V2-L50008 C Floable double will (2 x 0.08 mm) flue liner, scotter resistant, installation in stacks / interpressure. 0.7 EW-Line Flox FU Reside metal EN 1950-2 1700 N1 W V2-L50008 C Floable double will (2 x 0.08 mm) flue liner, scotter resistant, installation in stacks / interpressure. 0.7 EW-Line Flox AL Reside metal EN 1950-2 1720 P1 W V2-L50008 C Floable double will (2 x 0.08 mm) flue liner, which meet the requirements for fire protection. Operation mode in positive pressure. 0.9 EW-Line Flox AL Reside index M EN	0.2 EW-Line Flex FU		EN 1856-2	T600	N1	W	V2-L50008	G	chimneys, which meet the requirements for fire protection. Operation mode in
0.9 EV-Line Plax AL Incude inteal EN 1980-2 1200 P1 W V2L50000 C Installation in stacks / chimorys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.6 EW-Line Flax FU ftex/bit metal EN 1865-2 T400 N1 W V2L50000 C Float/bit double model in positive pressure. Float/bit double model in positive pressure. 0.6 EW-Line Flax FU ftex/bit metal EN 1865-2 T400 N1 W V2L50000 C Float/bit double wall 2 × 0.08 mm) flue liner, sooffler resistant, installation in stacks / chimorys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.7 EW-Line Flax FU ftex/bit metal EN 1866-2 T120 P1 W V2L50008 C Float/bit double wall 2 × 0.08 mm) flue liner, sooffler resistant, installation in stacks / chimmery, which meet the requirements for fire protection. Operation mode in positive pressure. 0.8 EW-Line Flax AL ftex/bit metal EN 1866-2 T120 P1 W V2L50008 C Float/bit double wall 2 × 0.08 mm / flue liner, mositive resistant, installation in stacks / chimmery, which meet the requirements for fire protection. Operation mode in positive pressure. 0.10 EW-Line Flax FU ftex/bit metal EN 1866-2 T200 N1	0.3 EW-Line Flex AL		EN 1856-2	T120	P1	W	V2-L50008	0	installation in stacks / chimneys, which meet the requirements for fire
0.3 EV-Line Piex D Installer finite EN 108-2 120 NI W V2-150000 O Immegrs, which meet the requirements for fine protection. Operation mode in negative pressure. 0.6 EW-Line Fiex FU flexible metal EN 1856-2 T400 NI W V2-150008 G Flexible double wall (2 x 0.08 mm) flue liner, scottier resistant, installation in stack / chinneys, which meet the requirements for fine protection. Operation mode in negative pressure. 0.7 EW-Line Fiex AL flexible metal EN 1856-2 T600 NI W V2-150008 G Flexible double wall (2 x 0.08 mm) flue liner, scottier resistant, installation in stack / chinneys, which meet the requirements for fine protection. Operation mode in negative pressure. 0.8 EW-Line Fiex AL flexible metal EN 1856-2 T120 P1 W V2-150008 O Flexible double wall (2 x 0.08 mm) flue liner, which sealant of silicone, mode in negative pressure. 0.9 EW-Line Fiex AL flexible metal EN 1856-2 T200 P1 W V2-150008 O Flexible double wall (2 x 0.08 mm) flue liner, which meet the requirements for fine protection. Operation mode in negative pressure. 0.10 EW-Line Fiex FU flexible metal EN 1856-2 T200 P1 W V2-150008 O Flexible double wall	0.4 EW-Line Flex AL		EN 1856-2	T200	P1	W	V2-L50008	0	installation in stacks / chimneys, which meet the requirements for fire
US EV-LINE FIEX PU Instants Prior Instantend Priode Instants Prior <t< td=""><td>0.5 EW-Line Flex FU</td><td></td><td>EN 1856-2</td><td>T200</td><td>N1</td><td>W</td><td>V2-L50008</td><td>0</td><td>chimneys, which meet the requirements for fire protection. Operation mode in</td></t<>	0.5 EW-Line Flex FU		EN 1856-2	T200	N1	W	V2-L50008	0	chimneys, which meet the requirements for fire protection. Operation mode in
0.1 EW-Line Fiex PD intexule metal EN 1950-2 1000 N1 W V2-L50008 G stacks / chimneys, which meet the requirements for fire protection. Operation 0.8 EW-Line Fiex AL flexible metal EN 1856-2 T120 P1 W V2-L50008 O Flexible double wall (2 x 0.08 mn) flue liner with sealant of silicone. 0.8 EW-Line Fiex AL flexible metal EN 1856-2 T200 P1 W V2-L50008 O Flexible double wall (2 x 0.08 mn) flue liner, with sealant of silicone. 0.9 EW-Line Fiex AL flexible metal EN 1856-2 T200 P1 W V2-L50008 O Flexible double wall (2 x 0.08 mn) flue liner, which meet the flue liner, socitire resistant, installation in stacks / chimneys, which meet the flue liner instacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.10 EW-Line Filex FU flue liner EN 1856-2 T400 N1 W V2-L50080 G Rigid single wall flue liner, socitire resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.12 Line EW-FU rigid metal EN 1856-2 T600 N1 W V2-L50060 G Rigid single wall flue liner, mostater esistant, installation in stacks / ch	0.6 EW-Line Flex FU		EN 1856-2	T400	N1	W	V2-L50008	G	stacks / chimneys, which meet the requirements for fire protection. Operation
0.00 EVV-Line Fiex AL nextber fields EN 1856-2 120 P1 W V2-L50008 O moisture resistant, installation in stacks / chinneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.9 EW-Line Fiex AL flexible metal EN 1856-2 T200 P1 W V2-L50008 O Flexible doubtervall (2 x 0.08 mm) flue liner, which meet the requirements for fire protection. Operation mode in positive pressure. 0.10 EW-Line Fiex FU fled liner EN 1856-2 T200 N1 W V2-L50008 O Flexible doubtervall (2 x 0.08 mm) flue liner, moisture resistant, installation in stacks / chinneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.11 Line EW-FU rigid metal EN 1856-2 T400 N1 W V2-L50060 G Rigid single wall flue liner, sootfire resistant, installation in stacks / chinneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.12 Line EW-FU rigid metal EN 1856-2 T600 N1 W V2-L50060 C Rigid single wall flue liner, sootfire resistant, installation in stacks / chinneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.13 Line EW-ALBI rigid metal EN 1856-2 T200 P1 <td< td=""><td>0.7 EW-Line Flex FU</td><td></td><td>EN 1856-2</td><td>Т600</td><td>N1</td><td>W</td><td>V2-L50008</td><td>G</td><td>stacks / chimneys, which meet the requirements for fire protection. Operation</td></td<>	0.7 EW-Line Flex FU		EN 1856-2	Т600	N1	W	V2-L50008	G	stacks / chimneys, which meet the requirements for fire protection. Operation
0.9 EVVLINE FixX.L. nextole metal file liner EN 1856-2 1200 P1 W V2-L50008 O moisture resistant, installation in stacks / chinneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.10 EW-Line Flex FU fiexble metal flue liner EN 1856-2 T200 N1 W V2-L50008 O Fiexble double wall (2 X 0.08 mn) flue liner, moisture resistant, installation in stack / chinneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.11 Line EW-FU rigid metal flue liner EN 1856-2 T600 N1 W V2-L50060 G Rigid single wall flue liner, socitire resistant, installation in stack / chinneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.12 Line EW-FU rigid metal flue liner EN 1856-2 T600 N1 W V2-L50060 G Rigid single wall flue liner, socitire resistant, installation in stack / chinneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.13 Line EW-ALBI rigid metal flue liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stack / chinneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.14 Lin	0.8 EW-Line Flex AL		EN 1856-2	T120	P1	W	V2-L50008	0	moisture resistant, installation in stacks / chimneys, which meet the
0.10 EW-Life PreV PU likeline EN 1856-2 1200 N1 W V2-L50060 O stacks, chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.11 Line EW-FU rigid metal flue liner EN 1856-2 T400 N1 W V2-L50060 G Rigid single wall flue liner, sootfire resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.12 Line EW-FU rigid metal flue liner EN 1856-2 T600 N1 W V2-L50060 G Rigid single wall flue liner, sootfire resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.13 Line EW-FU rigid metal flue liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. 0.14 Line EW-ALBI rigid metal flue liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. 0.15 Line EW-FU rigid metal flue liner EN 1856-2 T200 N1 W V2-L50060 O	0.9 EW-Line Flex AL		EN 1856-2	T200	P1	W	V2-L50008	0	moisture resistant, installation in stacks / chimneys, which meet the
0.11 Life EW-PO Itgld Initial EN 1856-2 1400 N1 W V2-L50060 G which meet the requirements for fire protection. Operation mode in negative pressure. 0.12 Line EW-FU figid metal file liner EN 1856-2 T600 N1 W V2-L50060 G Rigid single wall file liner, sootfire resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. 0.13 Line EW-ALBI rigid metal file liner EN 1856-2 T120 P1 W V2-L50060 O Rigid single wall file liner with EPDM gasket, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.14 Line EW-ALBI rigid metal file liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall file liner with stillcone gasket, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.15 Line EW-FU rigid metal file liner EN 1856-2 T200 N1 W V2-L50060 O Rigid single wall file liner, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.15 Line EW-FU rigid metal file liner EN 1856-2	0.10 EW-Line Flex FU		EN 1856-2	T200	N1	W	V2-L50008	0	stacks / chimneys, which meet the requirements for fire protection. Operation
0.12 Line EW-P0 Higd interal flue liner EN 1856-2 1000 N1 W V2-L50060 G which meet the requirements for fire protection. Operation mode in negative pressure. 0.13 Line EW-ALBI rigid metal flue liner EN 1856-2 T120 P1 W V2-L50060 O Rigid single wall flue liner with EPDM gasket, moisture resistant, installation in stack / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.14 Line EW-ALBI rigid metal flue liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall flue liner with silicone gasket, moisture resistant, installation in stack / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.15 Line EW-FU rigid metal flue liner EN 1856-2 T200 N1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stack / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. Product description	0.11 Line EW-FU	U U	EN 1856-2	T400	N1	W	V2-L50060	G	which meet the requirements for fire protection. Operation mode in negative
0.15 Line EW-ALBI figu inetal file liner EN 1856-2 1120 P1 W V2-L50060 O in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.14 Line EW-ALBI rigid metal file liner EN 1856-2 T200 P1 W V2-L50060 O Rigid single wall flue liner with silicone gasket, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.15 Line EW-FU rigid metal flue liner EN 1856-2 T200 N1 W V2-L50060 O Rigid single wall flue liner with silicone gasket, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. Product description Image: Single wall flue liner F1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. Product description Image: Single wall flue liner F1 W V2-L50060 O Rigid single wall flue liner, which wall metal chimney system with rigid flue liner installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. Product description Image: Single wall flue iner Single	0.12 Line EW-FU	0	EN 1856-2	T600	N1	W	V2-L50060	G	which meet the requirements for fire protection. Operation mode in negative
0.14 Line EW-ALBI rigid metal flue liner EN 1856-2 1200 P1 W V2-L50060 O in stacks / chimneys, which meet the requirements for fire protection. Operation mode in positive pressure. 0.15 Line EW-FU rigid metal flue liner EN 1856-2 T200 N1 W V2-L50060 O Rigid single wall flue liner, moisture resistant, installation in stacks / chimneys, which meet the requirements for fire protection. Operation mode in negative pressure. Product description	0.13 Line EW-ALBI	0	EN 1856-2	T120	P1	W	V2-L50060	0	in stacks / chimneys, which meet the requirements for fire protection.
Outs Line EVV-PO Ingle metal flue liner EN 1856-2 I 200 N1 W V2-L50060 O which meet the requirements for fire protection. Operation mode in negative pressure. Product description	0.14 Line EW-ALBI	U U	EN 1856-2	T200	P1	W	V2-L50060	0	in stacks / chimneys, which meet the requirements for fire protection.
Product description Properties of a flex. single wall, flex. multi-wall metal chinney system with rigid flue liner for installation in stack Standard number Compressive strength: flex. single wall & flex. double wall without, rigid flue liner >15 Temperature level flex. single wall: 1.5 mm; flex. double wall: 1.5 mm; rigid flue liner: 1.0 mm Zeta-values acc. 13384-1 Pressure range level Thermal resistance 0 m²K/W Condensate resistance Flex. single wall: min. bending radius 2 x NW Kew tor /D: dry) Flex. flex. single wall: min. bending radius 2 x NW Corrosion resistance Flex. length between two supports: 4 m (Elbows max. 90°) Flue liner material specification Freeze-thaw resistance: Yes Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough ga	0.15 Line EW-FU	9	EN 1856-2	T200	N1	W	V2-L50060	0	which meet the requirements for fire protection. Operation mode in negative
Temperature level Flow resistance average roughness: flex. single wall: 1.5 mm; flex. double wall: 1.5 mm; rigid flue liner: 1.0 mm Pressure range level Condensate resistance (W: wet / D: dry) Corrosion resistance Flue liner material specification Flue liner material specification Sootfire resistance Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gas	Product description					ĺ			Properties of a flex. single wall, flex. multi-wall metal chimney system with rigid flue liner,
Temperature level flex. single wall: 1.5 mm; flex. double wall: 1.5 mm; rigid flue liner: 1.0 mm Pressure range level Thermal resistance: 0 m²K/W Condensate resistance Flex. single wall: min. bending radius 2 x NW (W: wet / D: dry) Flexural fatigue strength: flex. single wall: min. bending radius 2 x NW Corrosion resistance Flexural strength: Angular assembly: rigid flue liner Max. length between two supports: 4 m (Elbows max. 90°) Fracture strength: given Flue liner material specification Freeze-thaw resistance: Yes Sootfire resistance Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made or plastic or rust-resistant stainless steel. Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gas	Standard number								Compressive strength: flex. single wall & flex. double wall without, rigid flue liner >15
Pressure range level	Temperature level								flex. single wall: 1.5 mm; flex. double wall: 1.5 mm; rigid flue liner: 1.0 mm Zeta-values acc. 13384-1
Condensate resistance flex doppellagig: min. bending radius 2 x NW; starre Innenrohre: no (W: wet / D: dry) Flexural strength: Angular assembly: rigid flue liner Corrosion resistance Max. length between two supports: 4 m (Elbows max. 90°) Flue liner material specification Freeze-thaw resistance: Yes Sootfire resistance Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made or plastic or rust-resistant stainless steel. Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough ga	Pressure range level								
Corrosion resistance Fracture strength: given Flue liner material specification Freeze-thaw resistance: Yes Sootfire resistance Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made or plastic or rust-resistant stainless steel. Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gas									flex doppellagig: min. bending radius 2 x NW; starre Innenrohre: no Flexural strength: Angular assembly: rigid flue liner
Flue liner material specification Torsional stiffness: given Sootfire resistance Freeze-thaw resistance: Yes Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made or plastic or rust-resistant stainless steel. Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gate	Corrosion resistance								
specification Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made or plastic or rust-resistant stainless steel. Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gate in the statement of the									
Sootfire resistance Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough ga									
	opcomodion								Cleaning: The chimney system is only allowed to be cleaned with cleaning devices made o plastic or rust-resistant stainless steel.
									Remarks: It will be explicitly referenced the use of appropriate fittings to ensure enough gas tightness, heat resistance and moisture resistance.