

Declaration of Performance

No. CZ-111-DOP-12-01-15

1. Unique identification code of the product-type:

**Multi-wall Metal System Chimney (with 444 Liner)
EN 1856-1**

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

Manufacturer Identification(s):

DW Complete

Designation 1 DN (130 – 180) T400 N1 D V2 L99050 G50

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

**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):

produced by

**Schiedel s.r.o.
Horoušanská 286, CZ-250 81 Nehvizdy**

in the factory

**Schiedel s.r.o.
Modlanská 1, CZ-415 02 Teplice**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

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. 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 of the factory production control.

**TÜV Industrie Service GmbH TÜV Süd Gruppe
Ridlerstraße 65
D-80339 München**

8. Declared performance

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Compressive strength Chimney sections, fittings and supports	Designation(s) 1: DN (130) : 22m DN (150 – 180) : 18m For further information see installation instructions	EN 1856-1: 2009
Resistance to fire	Designation 1: DN (130 – 180) : T400 G50	
Gas tightness /leakage	Designation(s) 1: DN (130 – 180) : N1	
Flow resistance of chimney sections	Designation(s) 1 DN (130 – 180) : 1mm according EN 13384-1	
Thermal resistance	Designation(s) 1: DN (130 – 180) : 0.37 m ² KW tested at 200°C *Tested diameter DN 200 mm	
Thermal shock resistance Sootfire Resistance:	Designation(s) 1: DN (130 – 180) : Yes.	
Thermal performance under normal operating conditions:	Designation(s) 1: DN (130 – 180) : T400	

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Flexural tensile strength (only for means of connection for chimney sections and fittings)	Designation(s) 1: n.p.d	EN 1856-1: 2009
Non vertical installation	Designation(s) 1: DN (130 – 180) between supports \leq 1,5 m at 90°	
Components subject to wind load	Designation(s) 1: <u>DN (130 – 180)</u> \leq 1,5 m above last support \leq 3 m max. between supports	
Durability	Designation(s) 1: DN (130 – 180): NPD	
Water and vapour diffusion resistance	Designation(s) 1: DN (130 – 180) : No. Only dry operation condition	
Condensate penetration resistance	Designation(s) 1: DN (130 – 180) : No. Only dry operation condition	
Against corrosion	Designation(s) 1: DN (130 – 180) : V2	
Freeze thaw resistance	Designation(s) 1: DN (130 – 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:

Teplice, 12.1.2015

Ing. Martin Marek,
Plant manager, Teplice

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(signature)