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

 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





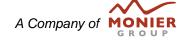
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8. Declared performance

| Essential characteristics and clauses to EN 1856-1 | Performance | Harmonized techni- cal specification |
|--|---|---|
| Compressive strength | Designation(s) 1: DN (130) : 22m DN (150 – 180) : 18m | |
| Chimney sections, fittings and supports | For further information see installation instructions | |
| 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 | EN 1856-1: 2009 |
| Thermal resistance | Designation(s) 1: | |
| | DN (130 – 180) : 0.37 m ² K/W tested at 200°C | |
| | *Tested diameter DN 200 mm | |
| Thermal shock resistance | Designation(s) 1: | |
| Sootfire Resistance: | DN (130 – 180) : Yes. | |
| Thermal performance under normal operating conditions: | Designation(s) 1: | |
| | DN (130 – 180) : T400 | |
| | | |

No. DOP DW COMPLETE.DOCX





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

(signature)