

Declaration of Performance

ICS-5000 [25 Cavity] – Connecting Flue Pipe

GB-033-DOP-23-07-14



Declaration of Performance

No. GB-033-DOP-23-07-14

1. Unique identification code of the product-type:

**Connecting Flue Pipe (316L & 444 Liner)
EN 1856-2**

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):

ICS-5000 [25 Cavity]

Designation 1 DN (80 – 600) **T450 H1 D V3 L50050 O100 M**

Designation 2 DN (80 – 600) **T450 H1 D V2 L99050 O100 M**

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 chimney

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

**Schiedel Chimney Systems Ltd
Crowther Estate
Washington
Tyne & Wear
NE38 0AQ
UK
Telephone: +44 (0) 191 4161150
Fax: +44 (0) 191 4151263
Email: sales@schiedel.co.uk**

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+

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

N/A

9. Declared performance

| Essential characteristics and clauses to EN 1856-2 | Performance | Harmonized technical specification |
|---|--|------------------------------------|
| Compressive strength | Designation(s) 1 & 2: DN (80 – 130) : 22m DN (150 - 180) : 18m DN (200 - 300) : 18m DN (350 - 450) : 12m DN (500 - 550) : 12m DN (600) : 10m | EN 1856-2: 2009 |
| Tensile Strength | Designation(s) 1 & 2: DN 80 - 46 metres DN 200 – 21 metres DN 300 - 15 metres DN 700 - 6 metres | |
| Non vertical installation | Designation(s) 1 & 2: DN (80 – 500) between supports ≤ 3m at 90° DN (550 - 600) between supports ≤ 4m at 90° | |
| Lateral Strength | Designation(s) 1 & 2: NPD | |
| Thermal shock resistance | Designation(s) 1 & 2: No Designated O | |
| Sootfire Resistance: | | |
| Thermal performance under normal operating conditions: | Designation(s) 1 & 2: T450 | |
| Resistance to fire | Designation(s) 1 & 2: O100 M | |
| Gas tightness /leakage | Designation(s) 1 & 2: H1 | |
| Flow resistance of chimney sections | According EN 13384-1 | |
| Durability Water and vapour diffusion resistance Condensate penetration resistance Against corrosion Freeze thaw resistance | Designation(s) 1 & 2: DN (80 – 600) : Yes Designation(s) 1 & 2: DN (80 – 600) : No as designated Dry Designation(s) 1 & 2: Model 1 DN (80 – 600) : V3 Model 2 DN (80 – 600) : V2 Designation(s) 1 & 2: DN (80 – 600) : Yes | |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
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:

Michael Ball: Chief Executive Officer

.....
(name and function)

Washington, 23rd July 2014

.....
(place and date of issue)



.....
(signature)