



## Declaration of Performance

### Nr.: DE-01-002-CPR-2019-07-11

- 1. Identification code of the product-type:** Ceramic flue liners for multi wall chimneys operating under wet conditions according to EN 1457-2
- 2. Identification:** a) Schiedel Isostatic Ceramic Flue Liner with Socket A3N1 † WA (T600 N1)  
b) Schiedel Isostatic Ceramic Flue Liner with Socket D4P1 † WA (T200 P1)
- 3. Type of use:** Ceramic flue liners for soot fire resistant multi wall chimneys for the disposal of „wet“ combustion products from heating appliances to the outside.
- 4. Manufacturer:** Schiedel GmbH & Co.KG, Lerchenstraße 9, 80995 München  
Phone: +49 (89) 35 40 90, Fax: +49 (89) 351 57 77, E-Mail: info@schiedel.com
- 5. Authorised representative:** Sascha Neubauer, General manager
- 6. System assessment:** System 2+
- 7. Notified body:** The notified body No. 1085 OFI Technologie & Innovation GmbH performed the initial inspection of the manufacturing plant Wiesau and of factory production control according 2+ and issued the certificate of conformity 1085-CPR-0235 of the factory production control.
- 8. Declaration ETB:** not applicable

#### 9. Declared performance to ZA.1 of EN 1457-1:2012

Essential characteristics	Performance	Initial inspection	Harmonized technical specification
9.2.2 Gas tightness / Leakage	a) N1 (600 °C) b) P1 (200 °C)	1	EN 1457-2
13 Flow resistance (mean roughness)	0,0015 m	2	EN 1457-2
14 Thermal resistance	0,00463 m²K/W		EN 1457-2
9.2.1 Soot fire resistance	a) Yes (G) b) No (O)		EN 1457-2
8 Compressive strength (inner liners)	10 MN/m²		EN 1457-2
8 Maximum height	≤ 42 m <sup>3</sup>		EN 1457-2
8 Compressive strength (Chimney fittings)	> 12,5m ≤ 25m		EN 1457-2
10.1 Durability - acid resistance	≤ 2 %		EN 1457-2
10.2 Durability - Freeze thaw resistance	resistant		EN 1457-2
12 Abrasion resistance	≤ 0,03 kg/m²		EN 1457-2
13 Durability – condensate resistance	WA		EN 1457-2
ZA.1 Dangerous substances	None	4	EN 1457-2

Notes to the installation	Performance Each execution includes the lower classes	technical specification
Installation	Without insulation (†)	EN 1457-2
Processing	a) Mortar for jointing flue liners type RAPID and type SPK b) Mortar for jointing flue liners type ROTEMPO	EN 1457-2
Mode of operation	a) negative pressure A3N1 Test pressure: 40 Pa maximum Leakage rate: $2 \text{ m}^3 \cdot \text{s}^{-1} \cdot \text{m}^{-2} \times 10^{-3}$ b) positive pressure D4P1 Test pressure: 200 Pa maximum Leakage rate: $0,006 \text{ m}^3 \cdot \text{s}^{-1} \cdot \text{m}^{-2} \times 10^{-3}$	EN 1457-2
	a) Soot fire resistant b) Not soot fire resistant	
	a) Exhaust gas temperatures of heating appliances: $\leq 600^\circ\text{C}$	
	b) Exhaust gas temperatures of heating appliances: $\leq 200^\circ\text{C}$	
Area of application	Gaseous (1), liquid (2) and solid (3) fuels for home fire places	EN 1457-2, EN 13063-2

<sup>1</sup> Certificate

<sup>2</sup> According to EN 13384-1

<sup>3</sup> Without opening section, otherwise observe maximum height above the opening section.

<sup>4</sup> As part of the EU chemicals regulation (REACH), the list „SVHC“ (as of 19.12.2012) of the European Chemicals Agency (ECHA) in Helsinki was published. In this product, are in the current list „SVCH“ mentioned substances not included.

The ceramic flue liners Nr.: DE-01-002-CPR-2019-07-11 meet the performance requirements of DIN EN 1457-2:2012-04 – Chimneys – ceramic flue liners – part 1: Flue liners operating under dry conditions – Requirements and test methods; German Version EN 1457-2:2012.

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



Sascha Neubauer,  
General manager

Munich, 11.07.2019