

Declaration of Performance

No. 111-DOP-2024-03-25

1. Unique identification code of the product-type: **Double wall insulated connecting flue pipe**
MF
2. Intended use: **Convey the products of combustion from heating appliances to the chimney**
3. Product designations:

Model 1	DN (100 – 250) DN (300) DN (350 – 400) DN (450) DN (500 – 600) DN (700) DN (800 – 1000)	T200 P1 W V2 L50040 O10 M T200 P1 W V2 L50050 O10 M T200 P1 W V2 L50050 O15 M T200 P1 W V2 L50060 O15 M T200 P1 W V2 L50060 O20 M T200 P1 W V2 L50060 O40 M T200 P1 W V2 L50080 O40 M	Model 2	DN (100 – 250) DN (300) DN (350 – 400) DN (450) DN (500 – 600) DN (700) DN (800 – 1000)	T200 H1 W V2 L50040 O10 M T200 H1 W V2 L50050 O10 M T200 H1 W V2 L50050 O15 M T200 H1 W V2 L50060 O15 M T200 H1 W V2 L50060 O20 M T200 H1 W V2 L50060 O40 M T200 H1 W V2 L50080 O40 M
Model 3	DN (100 – 250) DN (300) DN (350 – 400) DN (450) DN (500 – 600) DN (700) DN (800 – 1000)	T450 N1 W V2 L50040 O40 M T450 N1 W V2 L50050 O40 M T450 N1 W V2 L50050 O60 M T450 N1 W V2 L50060 O60 M T450 N1 W V2 L50060 O80 M T450 N1 W V2 L50060 O160 M T450 N1 W V2 L50080 O160 M	Model 4	DN (100 – 250) DN (300) DN (350 – 400) DN (450) DN (500 – 600) DN (700) DN (800 – 1000)	T450 N1 D V3 L50040 G70 M T450 N1 D V3 L50050 G70 M T450 N1 D V3 L50050 G105 M T450 N1 D V3 L50060 G105 M T450 N1 D V3 L50060 G140 M T450 N1 D V3 L50060 G280 M T450 N1 D V3 L50080 G280 M
Model 5	DN (100 – 250) DN (300) DN (350 – 400) DN (450) DN (500 – 600) DN (700) DN (800 – 1000)	T600 N1 D V3 L50040 G100 M T600 N1 D V3 L50050 G100 M T600 N1 D V3 L50050 G150 M T600 N1 D V3 L50060 G150 M T600 N1 D V3 L50060 G200 M T600 N1 D V3 L50060 G400 M T600 N1 D V3 L50080 G400 M			
4. Manufacturer: **Schiedel Sp. z o.o.
Ul. Wschodnia 24
45-449 Opole
Poland**
5. Authorized representative: **N/A**
6. System(s) of AVCP: **System 2+**
7. Harmonized standard: **EN 1856-2:2009**

Notified body: **0036**

8. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model(s) 1 to 5: DN (100-300): up to 30m DN (350-450): up to 15m DN (500-600): up to 12m DN (700-1000): up to 9m	EN 1856-2: 2009
Resistance to fire	Model(s) 1 & 2: DN (100-300): O10 M DN (350-450): O15 M DN (500-600): O20 M DN (700-1000): O40 M Model(s) 3: DN (100-300): O40 M DN (350-450): O60 M DN (500-600): O80 M DN (700-1000): O160 M Model(s) 4: DN (100-300): G70 M DN (350-450): G105 M DN (500-600): G140 M DN (700-1000): G280 M Model(s) 5: DN (100-300): G100 M DN (350-450): G150 M DN (500-600): G200 M DN (700-1000): G400 M	EN 1856-2: 2009
Gas tightness /leakage	Model(s) 1: DN (100-1000): P1 Model(s) 2: DN (100-1000): H1 Model(s) 3 to 5: DN (100-1000): N1	EN 1856-2: 2009
Flow resistance of chimney sections	Designation(s) 1 to 5: DN (100 – 1000): 1,0 mm	EN 1856-2: 2009
Flow resistance of chimney fittings	According EN 13384-1	EN 13384-1: 2014
Thermal resistance	Model(s) 1 to 5: DN (100 – 1000): 0.51 m² K/W tested at 200°C	
Thermal shock resistance Sootfire Resistance:	Model(s) 1 to 3 DN (100-1000): No Model(s) 4 & 5 DN (100-1000): Yes	EN 1856-2: 2009

Essential characteristics	Performance	Harmonized technical specification
Thermal performance under normal operating conditions	Model(s) 1 & 2: DN (100-1000): T200 Model(s) 3 & 4: DN (100-1000): T450 Model(s) 5: DN (100-1000): T600	EN 1856-2: 2009
Mechanical resistance and stability Flexural tensile strength	Model(s) 1 to 5: DN (100-300): up to 10m DN (350-450): up to 10m DN (500-600): up to 10m DN (700-1000): NPD	EN 1856-2: 2009
Non-vertical installation	Model(s) 1 to 5: DN (100–1000): Max. between supports 3,0 m at 90°	EN 1856-2: 2009
Resistance to wind load	Model(s) 1 to 5: DN (100–600): ≤ 3 m height above last support ≤ 4 m height between supports DN (700-1000): ≤ 1,5 m height above last support ≤ 4 m height between supports	EN 1856-2: 2009
Durability Water and vapour diffusion resistance Condensate penetration resistance Durability against corrosion Freeze thaw resistance	Model(s) 1 to 5: DN (100–1000): Yes Model(s) 1 to 3: DN (100–1000): Yes Model(s) 4 & 5: DN (100–1000): No Model(s) 1 to 3: DN (100–1000): V2 Model(s) 4 & 5: DN (100–1000): V3 Model(s) 1 to 5: DN (100–1000): Yes	EN 1856-2: 2009

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Opole, 25.03.2024

Krystian Kula
CEO Poland