Declaration of Performance

No. 040-DOP-2024-03-25

1.	Unique identification code of the product-type:	**Double-wall connecting flue pipe** **ICS 50, PERMETER 50**		
2.	Intended use:	**Convey the products of combustion from heating appliances to the chimney**		
3.	Product designations:	Model 1	DN (80 – 300)	**T600 N1 D V2 L50050 G100 M**
			DN (350 – 450)	**T600 N1 D V2 L50050 G150 M**
			DN (500 – 600)	**T600 N1 D V2 L50050 G200 M**
			DN (650 – 1200)	**T600 N1 D V2 L50050 G400 M**
		Model 2	DN (80 – 300)	**T600 N1 D V2 L99050 G100 M**
			DN (350 – 450)	**T600 N1 D V2 L99050 G150 M**
			DN (500 – 600)	**T600 N1 D V2 L99050 G200 M**
			DN (650 – 1200)	**T600 N1 D V2 L99050 G400 M**
		Model 3	DN (80 – 300)	**T600 N1 D V2 L70050 G100 M**
			DN (350 – 450)	**T600 N1 D V2 L70050 G150 M**
			DN (500 – 600)	**T600 N1 D V2 L70050 G200 M**
			DN (650 – 1200)	**T600 N1 D V2 L70050 G400 M**
		L99 material = 1.4521 (444)		
4.	Manufacturer:	**Schiedel s.r.o.,** **Horoušanská 286,** **CZ-250 81 Nehvizdy**		
5.	Authorized representative:	**N/A**		
6.	System(s) of AVCP:	**System 2+**		
7.	Harmonized standard:	**EN 1856-2:2009**		
	Notified body:	**0036**		

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8. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model(s) 1 to 3: DN 80 = max. **2,12 kN** DN 300 = max. **2,25 kN** DN 700 = max. **1,25 kN**	EN 1856-2: 2009
Resistance to fire	Model(s) 1 to 3: DN (80 – 300): **G100 M** DN (350 – 450): **G150 M** DN (500 – 600): **G200 M** DN (650 – 1200): **G400 M**	EN 1856-2: 2009
Gas tightness/leakage	Model(s) 1 to 3: DN (80 – 1200): **N1**	EN 1856-2: 2009
Flow resistance of chimney sections Flow resistance of chimney fittings	Model(s) 1 to 3: DN (80 – 1200): **1,0 mm** According EN 13384-1	EN 1856-2: 2009 EN 13384-1: 2014
Thermal resistance	Model(s) 1 to 3: DN (80 – 1200): **0.56 m² K/W** tested at 200°C	
Thermal shock resistance Sootfire Resistance:	Model(s) 1 to 3: DN (80 – 1200): **Yes**	EN 1856-2: 2009
Thermal performance under normal operating conditions	Model(s) 1 to 3: DN (80 – 1200): **T600**	EN 1856-2: 2009
Flexural tensile Strength	Model(s) 1 to 3: DN (80 – 1200): **NPD**	EN 1856-2: 2009
Non-vertical installation	Model(s) 1 to 3: DN (80 – 500): between supports ≤ 3 m at 90° DN (550 - 1200): between supports ≤ 4 m at 90°	EN 1856-2: 2009
Durability Water and vapour diffusion resistance Condensate penetration resistance Durability against corrosion Freeze-thaw resistance	 Model(s) 1 to 3: DN (80 – 1200): **No** Model(s) 1 to 3: DN (80 – 1200): **No** Model(s) 1 to 3: DN (80 – 1200): **V2** Model(s) 1 to 3: DN (80 – 1200): **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.

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Signed for and on behalf of the manufacturer by:

Teplice, 25.03.2024
Ivana Černa,

Plant manager

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