

Declaration of Performance CE

No. 118-DoP-2020-01-25

1. Unique identification code of the product-type: **Flexible Single walled Metal flue Liner Metaloterm[®] XE** according to EN 1856-2:2009
2. Intended use: **Convey the products of combustion from heating appliances to the atmosphere**
3. Product designations:
 Model 1 DN (100–200) T200 P1 W V2 L50010 O
 Model 2 DN (100–200) T300 N1 W V2 L50010 G
 Model 3 DN (100–200) T600 N1 W V2 L50010 G
4. Manufacturer: **Schiedel Metaloterm B.V.
 Oude Veerseweg 23
 4332 SH Middelburg
 The Netherlands**
5. Authorised representative: **N/A**
6. System(s) of AVCP: **System 2+ and System 4**
7. Harmonized standard: **EN 1856-2:2009**
- Notified body: **TÜV SÜD Industrie Service GmbH,
 Westendstrasse 199, 80686 Munich, Germany**
 Notified certification body for factory production control 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 No. **0036-CPR-91418-118**.

8. Declared performance

	Essential Characteristics	Performance	Harmonized technical specification
8.1	Compressive strength of fittings and supports Tensile Strength Crushing Resistance Flexibility Torsion Strength Pulling Force	N.P.D. up to 40m Passed Bending radius $\geq 2 \times \varnothing$ Passed Passed	EN 1856-2:2009
8.2	Resistance to fire	Model 1 DN (100-200): O Model 2 & 3 DN (100-200): G	EN 1856-2:2009
8.3	Gas tightness/leakage	Model 1 DN (100-200): P1 Model 2 & 3 DN (100-200): N1	EN 1856-2:2009
8.4	Flow resistance of chimney sections fittings and terminals	According to EN 13384-1	EN 1856-2:2009
8.5	Thermal resistance		EN 1856-2:2009

	Essential Characteristics	Performance	Harmonized technical specification
8.6	Thermal shock resistance Sootfire resistance	Model 1: No Model 2 & 3: Yes	EN 1856-2:2009
8.7	Thermal performance under normal operating conditions	Model 1 DN (100-200): T200 Model 2 DN (100-200): T300 Model 3 DN (100-200): T600	
8.8	Flexural tensile strength (only for means of connection for chimney sections and fittings)	-	EN 1856-2:2009
8.9	Non vertical installation	-	EN 1856-2:2009
8.10	Components subject to wind load	-	EN 1856-2:2009
8.11	Durability: Water and vapour diffusion resistance	Yes	EN 1856-2:2009
8.12	Condensate penetration resistance	Model 1 to 3 DN (100-200): Yes	
8.13	Against corrosion	Model 1 to 3 DN (100-200): V2	
8.14	Freeze thaw resistance	Model 1 to 3 DN (100-200): Yes	

9. 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:

Middelburg, 2020-01-25

Drs. Simon J. Ramaekers
CEO Schiedel Benelux

