

Declaration of Performance	Metaloterm® XD	EN	1/2
No. 00373	EN 1856-2:2009	XD_DoP_00373_EN_G	

1. Unique identification code of the product-type:

Flexible Metal Liner (316L & 904L Liner Options)* EN 1856-2

**includes associated fittings as tested and approved.*

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Designation 1 DN (ø80–400) T200 P1 W V2 L50010 O
Designation 2 DN (ø80–400) T600 N1 W V2 L50010 G

Designation 3 DN (ø80–400) T200 P1 W V2 L70010 O
Designation 4 DN (ø80–400) T600 N1 W V2 L70010 G

Designation 5 DN (ø80–400) T200 P1 W V2 L50012 O
Designation 6 DN (ø80–400) T600 N1 W V2 L50012 G

Designation 7 DN (ø80–400) T200 P1 W V2 L70012 O
Designation 8 DN (ø80–400) T600 N1 W V2 L70012 G

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 atmosphere

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

Schiedel Metaloterm B.V.
Oude Veerseweg 23, 4332 SH Middelburg
The Netherlands
T: +31 (0)118 68 99 00
F: +31 (0)118 68 99 99
E: info.nl@metaloterm.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

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+



TÜV Süd Industrie Service GmbH
Ridlerstraße 65
D-80339 München

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.

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

Not applicable

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9. Declared performance

	Essential Characteristics	Performance	Harmonized technical specification
9.1	Compressive strength of fittings and supports Tensile Strength Crushing Resistance Flexibility Torsion Strength Pulling Force	NPD up to 20m Passed Maximum angle for installation 45° with a maximum bending radius of 3 x Ø Passed Passed	EN 1856-2:2009
9.2	Resistance to fire	Designation(s) 1, 3, 5 & 7: (DN 80-400): O Designation(s) 2, 4, 6 & 8: (DN 80-400): G	EN 1856-2:2009
9.3	Gas tightness/leakage	Designation(s) 1, 3, 5 & 7: (DN 80-400): P1 Designation(s) 2, 4, 6 & 8: (DN 80-400): N1	EN 1856-2:2009
9.4	Flow resistance of chimney sections fittings and terminals	According to EN 13384-1	EN 1856-2:2009
9.5	Thermal resistance		EN 1856-2:2009
	Thermal shock resistance		
9.6	Sootfire resistance	Designation(s) 1, 3, 5 & 7: (DN80-400): No *as designated O Designation(s) 2, 4, 6 & 8: (DN80-400): Yes.	EN 1856-2:2009
9.7	Thermal performance under normal operating conditions	Designation(s) 1, 3, 5 & 7: (80-400): T200 Designation(s) 2, 4, 6 & 8: (80-400): T600	EN 1856-2:2009
9.8	Flexural tensile strength (only for means of connection for chimney sections and fittings)		EN 1856-2:2009
9.9	Non vertical installation		EN 1856-2:2009
9.10	Components subject to wind load		EN 1856-2:2009
	Durability:		
9.11	Water and vapour diffusion resistance	Yes	EN 1856-2:2009
9.12	Condensate penetration resistance	Yes	EN 1856-2:2009
9.13	Against corrosion	V2	EN 1856-2:2009
9.14	Freeze thaw resistance	Yes	EN 1856-2:2009

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.

SSigned for and on behalf of the manufacturer by:

Middelburg, 2020-01-01

Simon Ramaekers
CEO Schiedel Benelux