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|-----------------------------------|-----------------------|--|-------------------|-----|
| Declaration of Performance | Metaloterm® AT | | EN | 1/4 |
| No. 00373 | EN 1856-1:2009 | | AT_DoP_00373_EN_G | |

1. Unique identification code of the product-type:

Twin walled stainless steel system with insulation - Metaloterm® AT according to EN 1856-1:2009

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

Model 1 DN (ø130-300) EN 1856-1 T400 N1 D V3 L50040 G50

Model 1 DN (ø350-400) EN 1856-1 T400 N1 D V3 L50050 G75

Model 2 DN (ø130-300) EN 1856-1 T600 N1 D V3 L50040 G50

Model 2 DN (ø350-400) EN 1856-1 T600 N1 D V3 L50050 G75

Model 3 DN (ø130-300) EN 1856-1 T600 N1 D V3 L50040 G0

Model 3 DN (ø350-400) EN 1856-1 T600 N1 D V3 L50040 G0

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 outside atmosphere

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

Ontop B.V.
Postbus 135, 4330 AC Middelburg
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@ontop.nl

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+ and System 4

7. Notified factory production control certification body No. 0432 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 **0432-CPR-00373-10** 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

9. Declared performance

| | Essential Characteristics | Performance | Harmonized technical specification |
|-----|---|--|---|
| 9.1 | Compressive strength Chimney sections, fittings and supports | Sections and fittings: Model 1 to 3 DN (130- 300): up to 30 m Model 1 to 3 DN (350- 400): up to 15 m For further information see www.metaloterm.com | EN 1856-1:2009 |

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| Declaration of Performance | Metaloterm® AT | EN | 2/4 |
| No. 00373 | EN 1856-1:2009 | AT_DoP_00373_EN_G | |

| | Essential Characteristics | Performance | Harmonized technical specification |
|------|--|--|------------------------------------|
| 9.2 | Resistance to fire | (Resistance to fire from inside to outside) Model 1 DN (130- 300): T400 - G50 Model 1 DN (350- 400): T400 - G75 Model 2 DN (130- 300): T600 - G50 Model 2 DN (350- 400): T600 - G75 Tested without cover, with back ventilated ceiling duct Model 3 DN (130- 300): T600 - G0 Model 3 DN (350- 400): T600 - G0 Tested with cladding | EN 1856-1:2009 |
| 9.3 | Gas tightness/leakage | Model 1 to 3 DN (130- 400): N1 | EN 1856-1:2009 |
| 9.4 | Flow resistance of chimney sections fittings and terminals | According to EN 13384-1 | EN 1856-1:2009 |
| 9.5 | Thermal resistance | Model 1 to 3 DN (130-400): 0,47 m²K/W tested at 200°C | EN 1856-1:2009 |
| | Thermal shock resistance | | |
| 9.6 | Sootfire resistance | Model 1 to 3 DN (130- 400): Yes | EN 1856-1:2009 |
| 9.7 | Thermal performance under normal operating conditions | Model 1 DN (130-400): T400 Model 2 DN (130-400): T600 Model 3 DN (130-400): T600 | EN 1856-1:2009 |
| 9.8 | Flexural tensile strength (only for means of connection for chimney sections and fittings) | Model 1 to 3 DN (130- 400): up to 5 m | EN 1856-1:2009 |
| 9.9 | Non vertical installation | Model 1 to 3 DN (130-400): Maximum offset between supports 3 m at 90° (inclined run, maximum distance between two fixations, supports at non vertical installation) | EN 1856-1:2009 |
| 9.10 | Components subject to wind load | Model 1 to 3 DN (130- 400): Free standing height 3 m above last support Maximum spacing between lateral supports: 4 m | EN 1856-1:2009 |
| | Durability: | | |
| 9.11 | Water and vapour diffusion resistance | No | EN 1856-1:2009 |
| 9.12 | Condensate penetration resistance | Model 1 to 3 DN (130- 400): No | EN 1856-1:2009 |
| 9.13 | Against corrosion | Model 1 to 3 DN (130- 400): V3 | EN 1856-1:2009 |
| 9.14 | Freeze thaw resistance | Model 1 to 3 DN (130-400): Yes | EN 1856-1:2009 |

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.

Signed for and on behalf of the manufacturer by:

Middelburg, 2017-04-01



Marco Blaeke
Managing director

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| Declaration of Performance | Metaloterm® AT | | EN | 3/4 |
| No. 00373 | EN 1856-2:2009 | | AT_DoP_00373_EN_G | |

1. Unique identification code of the product-type:
Twin walled stainless steel system with insulation - Metaloterm® AT according to EN 1856-2:2009

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

Model 1 DN (ø130-300) EN 1856-2 T400 N1 D V3 L50040 G50
Model 1 DN (ø350-400) EN 1856-2 T400 N1 D V3 L50050 G75

Model 2 DN (ø130-300) EN 1856-2 T600 N1 D V3 L50040 G50
Model 2 DN (ø350-400) EN 1856-2 T600 N1 D V3 L50050 G75

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 chimney

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

Ontop B.V.
Postbus 135, 4330 AC Middelburg
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@ontop.nl

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+ and System 4

7. Notified factory production control certification body No. 0432 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 **0432-CPR-00373-11** 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

| | | | |
|-----------------------------------|-----------------------|-------------------|-----|
| Declaration of Performance | Metaloterm® AT | EN | 4/4 |
| No. 00373 | EN 1856-2:2009 | AT_DoP_00373_EN_G | |

9. Declared performance

| | Essential Characteristics | Performance | Harmonized technical specification |
|------|---|--|---|
| 9.1 | Compressive strength Chimney sections, fittings and supports | Sections and fittings: Model 1 to 2 DN (130- 300): up to 30 m Model 1 to 2 DN (350- 400): up to 15 m For further information see www.metaloterm.com | EN 1856-2:2009 |
| 9.2 | Resistance to fire | (Resistance to fire from inside to outside) Model 1 DN (130- 300): T400 – G50 Model 1 DN (350- 400): T400 – G75 Model 2 DN (130- 300): T600 – G50 Model 2 DN (350- 400): T600 – G75 Tested without cover, with back ventilated ceiling duct | EN 1856-2:2009 |
| 9.3 | Gas tightness/leakage | Model 1 to 2 DN (130-400): 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 | Model 1 to 2 DN (130-400): 0,47 m²K/W tested at 200°C | EN 1856-2:2009 |
| | Thermal shock resistance | | |
| 9.6 | Sootfire resistance | Model 1 to 2 DN (130-400): Yes | EN 1856-2:2009 |
| 9.7 | Thermal performance under normal operating conditions | Model 1 DN (130-400): T400 Model 2 DN (130-400): T600 | EN 1856-2:2009 |
| 9.8 | Flexural tensile strength (only for means of connection for chimney sections and fittings) | Model 1 to 2 DN (130-400): up to 5 m | EN 1856-2:2009 |
| 9.9 | Non vertical installation | Model 1 to 2 DN (130-400): Maximum offset between supports 3 m at 90° (inclined run, maximum distance between two fixations, supports at non vertical installation) | EN 1856-2:2009 |
| 9.10 | Components subject to wind load | Model 1 to 2 DN (130- 400): Free standing height 3 m above last support Maximum spacing between lateral supports: 4 m | EN 1856-2:2009 |
| | Durability: | | |
| 9.11 | Water and vapour diffusion resistance | No | EN 1856-2:2009 |
| 9.12 | Condensate penetration resistance | Model 1 to 2 DN (130-400): No | EN 1856-2:2009 |
| 9.13 | Against corrosion | Model 1 to 2 DN (130-400): V3 | EN 1856-2:2009 |
| 9.14 | Freeze thaw resistance | Model 1 to 2 DN (130-400): 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.

Signed for and on behalf of the manufacturer by:

Middelburg, 2017-04-01



Marco Blaëke
Managing director