

- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-1**
 2) Trade name of the product: **EDW25, DW25, DWC25, Extetic, DW25AL**

(Designation 1)	EN 1856-1	T200 P1 W V2	L50040 O30	for DN	80 ÷ 300
(Designation 2)	EN 1856-1	T200 P1 W V2	L50050 O45	for DN	350 ÷ 450
(Designation 3)	EN 1856-1	T200 P1 W V2	L50050 O60	for DN	500 ÷ 550
(Designation 4)	EN 1856-1	T600 N1 W V2	L50040 G70	for DN	80 ÷ 300
(Designation 5)	EN 1856-1	T600 N1 W V2	L50050 G105	for DN	350 ÷ 450
(Designation 6)	EN 1856-1	T600 N1 W V2	L50050 G140	for DN	500 ÷ 550
(Designation 7)	EN 1856-1	T600 N1 W V2	L50060 G140	for DN	550 ÷ 600
(Designation 8)	EN 1856-1	T600 N1 W V2	L50060 G280	for DN	600 ÷ 800
(Designation 9)	EN 1856-1	T600 N1 W Vm	L20040 G70	for DN	80 ÷ 300
(Designation 10)	EN 1856-1	T600 N1 W Vm	L20050 G105	for DN	350 ÷ 450
(Designation 11)	EN 1856-1	T600 N1 W Vm	L20050 G140	for DN	500 ÷ 550
(Designation 12)	EN 1856-1	T600 N1 W Vm	L20060 G140	for DN	550 ÷ 600
(designazione 13)	EN 1856-1	T600 N1 W Vm	L20060 G280	per DN	650 ÷ 800

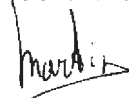
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epoux-Bézu - 02400 Château-Thierry - France
 5) Name and contact address of the authorised representative: Not applicable
 6) System of assessment and verification of constancy of performance of the construction product: System 2+
 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive Strength	Pass	EN 1856-1:2009
Reaction to Fire	(Designation 4, 9) G70 (Designation 5, 10) G105 (Designation 6, 11) G140 (Designation 7, 12) G140 (Designation 8, 13) G280	EN 1856-1:2009
Gas Tightness/Leakage	(Designation 1 ÷ 3) : P1 (Designation 4 ÷ 13) : N1	EN 1856-1:2009
Value of Roughness	1 mm (According to EN 13384-1)	EN 1856-1:2009
Flow Resistance of the elements	According to EN 13384-1	EN 1856-1:2009
Thermal Resistance	0,35 m ² k/W	EN 1856-1:2009
Thermal Shock Resistance	Pass	EN 1856-1:2009
Vertical installation	Pass	EN 1856-1:2009
Components subject to wind load	Pass	EN 1856-1:2009
Water and vapour diffusion Resistance	Pass	EN 1856-1:2009
Durability against Corrosion	Class V2 (designation 1 ÷ 8) Class Vm (designation 9 ÷ 13)	EN 1856-1:2009
Freeze Thaw Resistance	Pass	EN 1856-1:2009

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(place and date of issue)
Château-Thierry 1st of July 2013

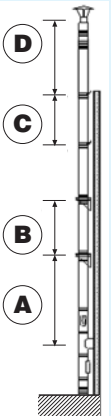
(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-1, EN 1856-2**
 2) Trade name of the product: **SW, ESW, SWBLACK, FEREX PELLET, FEREX LEGNA**

(Designation 1)	EN 1856-1	T200 P1 W V2	L50040 O30 / O60	for DN 80÷200	(SW, SWBLACK)
(Designation 2)	EN 1856-1	T200 P1 W V2	L50050 O30	for DN 220÷500	(SW)
(Designation 3)	EN 1856-2	T600 N1 W V2	L50040 G	for DN 80÷200	(SW)
(Designation 4)	EN 1856-2	T600 N1 W V2	L50040 G500	for DN 80÷200	(SW)
(Designation 5)	EN 1856-2	T600 N1 W V2	L50050 G	for DN 220÷500	(SW)
(Designation 6)	EN 1856-2	T600 N1 W V2	L50050 G500	for DN 80÷500	(SW)
(Designation 7)	EN 1856-2	T600 N1 W V2	L50060 G	for DN 550÷900	(SW)
(Designation 8)	EN 1856-2	T600 N1 D V2	L50060 G500	for DN 550÷900	(SW)
(Designation 9)	EN 1856-2	T600 N1 W Vm	L20040 G	for DN 80÷200	(ESW)
(Designation 10)	EN 1856-2	T600 N1 D Vm	L20040 G500	for DN 80÷200	(ESW)
(Designation 11)	EN 1856-2	T600 N1 W Vm	L20050 G	for DN 220÷500	(ESW)
(Designation 12)	EN 1856-2	T600 N1 D Vm	L20050 G500	for DN 80÷500	(ESW)
(Designation 13)	EN 1856-2	T600 N1 W Vm	L20060 G	for DN 550÷900	(ESW)
(Designation 14)	EN 1856-2	T600 N1 D Vm	L20060 G500	for DN 550÷900	(ESW)
(Designation 15)	EN 1856-2	T450 N1 W V2	L50040 G	for	(SWBLACK)
(Designation 16)	EN 1856-2	T450 N1 W V2	L50040 G800M	for DN 80÷300	(SWBLACK)
(Designation 17)	EN 1856-2	T200 P1 W Vm	L01120 O30	for DN 80÷100	(Ferex Pellet)
(Designation 18)	EN 1856-2	T600 N1 D Vm	L01200/L01120 GXXXNM	for DN 80÷180	(Ferex Legna / Ferex Pellet)
(Designation 19)	EN 1856-2	T600 N1 D Vm	L01200 G800M	for DN 200	

- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epoux-Bézu - 02400 Château-Thierry - France
 5) Name and contact address of the authorised representative: Not applicable
 6) System of assessment and verification of constancy of performance of the construction product: System 2+
 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION																																																																																																																																																	
Compressive Strength	 <table border="1"> <caption>Table of performance data for Compressive Strength</caption> <thead> <tr> <th>Diameter (mm)</th> <th colspan="4">Meters</th> </tr> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr><td>80</td><td>164</td><td>79</td><td>4</td><td>1.5</td></tr> <tr><td>97</td><td>142</td><td>69</td><td>4</td><td>1.5</td></tr> <tr><td>100</td><td>140</td><td>68</td><td>4</td><td>1.5</td></tr> <tr><td>110</td><td>127</td><td>61</td><td>4</td><td>1.5</td></tr> <tr><td>120</td><td>116</td><td>56</td><td>4</td><td>1.5</td></tr> <tr><td>125</td><td>110</td><td>54</td><td>4</td><td>1.5</td></tr> <tr><td>130</td><td>107</td><td>52</td><td>4</td><td>1.5</td></tr> <tr><td>140</td><td>100</td><td>48</td><td>4</td><td>1.5</td></tr> <tr><td>150</td><td>93</td><td>36</td><td>4</td><td>1.5</td></tr> <tr><td>155</td><td>88</td><td>34</td><td>4</td><td>1.5</td></tr> <tr><td>160</td><td>97</td><td>33</td><td>4</td><td>1.5</td></tr> <tr><td>180</td><td>86</td><td>30</td><td>4</td><td>1.5</td></tr> <tr><td>200</td><td>77</td><td>27</td><td>4</td><td>1.5</td></tr> <tr><td>220</td><td>70</td><td>24</td><td>4</td><td>1.5</td></tr> <tr><td>230</td><td>63</td><td>20</td><td>4</td><td>1.5</td></tr> <tr><td>250</td><td>62</td><td>21</td><td>4</td><td>1.5</td></tr> <tr><td>300</td><td>60</td><td>15</td><td>3</td><td>1.5</td></tr> <tr><td>350</td><td>46</td><td>31</td><td>1</td><td>1</td></tr> <tr><td>400</td><td>41</td><td>27</td><td>1</td><td>1</td></tr> <tr><td>450</td><td>36</td><td>24</td><td>1</td><td>1</td></tr> <tr><td>500</td><td>33</td><td>21</td><td>1</td><td>1</td></tr> <tr><td>550</td><td>19</td><td>20</td><td>1</td><td>1</td></tr> <tr><td>600</td><td>18</td><td>18</td><td>1</td><td>1</td></tr> <tr><td>650</td><td>16</td><td>16</td><td>1</td><td>1</td></tr> <tr><td>700</td><td>15</td><td>15</td><td>1</td><td>1</td></tr> <tr><td>750</td><td>14</td><td>14</td><td>1</td><td>1</td></tr> <tr><td>800</td><td>13</td><td>13</td><td>1</td><td>1</td></tr> </tbody> </table>	Diameter (mm)	Meters					A	B	C	D	80	164	79	4	1.5	97	142	69	4	1.5	100	140	68	4	1.5	110	127	61	4	1.5	120	116	56	4	1.5	125	110	54	4	1.5	130	107	52	4	1.5	140	100	48	4	1.5	150	93	36	4	1.5	155	88	34	4	1.5	160	97	33	4	1.5	180	86	30	4	1.5	200	77	27	4	1.5	220	70	24	4	1.5	230	63	20	4	1.5	250	62	21	4	1.5	300	60	15	3	1.5	350	46	31	1	1	400	41	27	1	1	450	36	24	1	1	500	33	21	1	1	550	19	20	1	1	600	18	18	1	1	650	16	16	1	1	700	15	15	1	1	750	14	14	1	1	800	13	13	1	1	EN 1856-2:2009
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Reaction to Fire	(Designation 3 ÷ 16, 18, 19) G (Designation 1, 2, 17) O	EN 1856-2:2009																																																																																																																																																	
Gas Tightness/Leakage	(Designation 1, 2, 17) : P1 (Designation 3 ÷ 16, 18, 19) : N1	EN 1856-2:2009																																																																																																																																																	
Value of Roughness	1 mm (According to EN 13384-1)	EN 1856-2:2009																																																																																																																																																	
Flow Resistance of the elements	According to EN 13384-1	EN 1856-2:2009																																																																																																																																																	
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Thermal Shock Resistance	Pass	EN 1856-2:2009																																																																																																																																																	
Components subject to wind load	Pass	EN 1856-2:2009																																																																																																																																																	
Water and vapour diffusion Resistance	Pass	EN 1856-2:2009																																																																																																																																																	
Durability against Corrosion	Class V2 for designation 1 ÷ 8, 15, 16 Class Vm for designation 9 ÷ 14, 17 ÷ 19	EN 1856-2:2009																																																																																																																																																	
Freeze Thaw Resistance	Pass	EN 1856-2:2009																																																																																																																																																	

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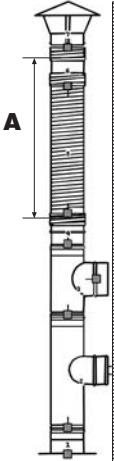
(place and date of issue)
Château-Thierry 1st of July 2013

(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-2**
- 2) Trade name of the product: **Expoflex, Flexeco, Corrflex, Extraflex**

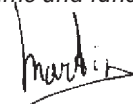
(Designation 1)	EN 1856-2	T200 P1 WV2	L50010 O	for DN	80 ÷ 160
(Designation 2)	EN 1856-2	T450 N1 WV2	L50010 G	for DN	60 ÷ 400
(Designation 3)	EN 1856-2	T450 N1 WV2	L70010 G	for DN	60 ÷ 400
(Designation 4)	EN 1856-2	T200 P1 WV2	L70010 O	for DN	80 ÷ 160
(Designation 5)	EN 1856-2	T450 N1 WVm	L20010 G	for DN	80 ÷ 300
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
- 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epaux-Bézu - 02400 Château-Thierry - France
- 5) Name and contact address of the authorised representative: Not applicable
- 6) System of assessment and verification of constancy of performance of the construction product: System 2+
- 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION																																																																																					
Compressive Strength, Tensile Resistance and Torsion Strength	<p>Declaration of mechanical resistances for the system EXPOFLEX, EXTRAFLEX, FLEXECO, CORRFLEX with and without seals</p>  <table border="1" data-bbox="821 1041 1045 1265"> <caption>A: maximum height reachable in meters.</caption> <thead> <tr> <th>Diameter (mm)</th> <th>Thickness 0,10 mm</th> <th>Thickness 0,12 mm</th> </tr> </thead> <tbody> <tr><td>80</td><td>60</td><td>60</td></tr> <tr><td>100</td><td>60</td><td>60</td></tr> <tr><td>110</td><td>60</td><td>60</td></tr> <tr><td>120</td><td>50</td><td>50</td></tr> <tr><td>130</td><td>50</td><td>50</td></tr> <tr><td>140</td><td>35</td><td>35</td></tr> <tr><td>150</td><td>30</td><td>30</td></tr> <tr><td>160</td><td>30</td><td>30</td></tr> <tr><td>180</td><td>30</td><td>30</td></tr> <tr><td>200</td><td>25</td><td>25</td></tr> <tr><td>220</td><td>25</td><td>25</td></tr> <tr><td>250</td><td>20</td><td>20</td></tr> <tr><td>280</td><td>15</td><td>15</td></tr> <tr><td>300</td><td>15</td><td>15</td></tr> <tr><td>350</td><td>10</td><td>10</td></tr> <tr><td>400</td><td>5</td><td>5</td></tr> </tbody> </table> <table border="1" data-bbox="821 1276 1045 1500"> <caption>* Maximum applicable torsion strength.</caption> <thead> <tr> <th>Diameter (mm)</th> <th>Torsion Strength [kg.m]</th> </tr> </thead> <tbody> <tr><td>80</td><td>2,0</td></tr> <tr><td>100</td><td>2,5</td></tr> <tr><td>110</td><td>2,8</td></tr> <tr><td>120</td><td>3,1</td></tr> <tr><td>130</td><td>3,3</td></tr> <tr><td>140</td><td>3,5</td></tr> <tr><td>150</td><td>3,8</td></tr> <tr><td>160</td><td>4,1</td></tr> <tr><td>180</td><td>4,6</td></tr> <tr><td>200</td><td>5,1</td></tr> <tr><td>220</td><td>5,6</td></tr> <tr><td>250</td><td>6,4</td></tr> <tr><td>280</td><td>7,1</td></tr> <tr><td>300</td><td>7,6</td></tr> <tr><td>350</td><td>8,9</td></tr> <tr><td>400</td><td>10,2</td></tr> </tbody> </table>	Diameter (mm)	Thickness 0,10 mm	Thickness 0,12 mm	80	60	60	100	60	60	110	60	60	120	50	50	130	50	50	140	35	35	150	30	30	160	30	30	180	30	30	200	25	25	220	25	25	250	20	20	280	15	15	300	15	15	350	10	10	400	5	5	Diameter (mm)	Torsion Strength [kg.m]	80	2,0	100	2,5	110	2,8	120	3,1	130	3,3	140	3,5	150	3,8	160	4,1	180	4,6	200	5,1	220	5,6	250	6,4	280	7,1	300	7,6	350	8,9	400	10,2	EN 1856-2:2009
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Flexibility	Maximum Inclination 45°																																																																																						
Pulling force	Pass																																																																																						
Reaction to Fire	(Designation 2, 3) G (Designation 1, 4) O	EN 1856-2:2009																																																																																					
Temperature class	(Designation 2, 3) T450 (Designation 1, 4) T200																																																																																						
Gas Tightness/Leakage	(Designation 1, 4) : P1 (Designation 2, 3) : N1	EN 1856-2:2009																																																																																					
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(place and date of issue)
Château-Thierry 1st of July 2013

(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 14471**
- 2) Trade name of the product: **Plast'in, Plastinox, Bivent**

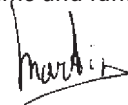
(Designation 1)	EN 14471	T120 O P1 W 2	O10 I C L /L0	for DN 60 ÷ 200
(Designation 2)	EN 14471	T120 O P1 W 2	O10 E C L /L0	for DN 60 ÷ 200
(Designation 3)	EN 14471	T120 O P1 W 2	O30 I E L0	for DN 60 ÷ 200
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
- 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epaux-Bézu - 02400 Château-Thierry - France
- 5) Name and contact address of the authorised representative: Not applicable
- 6) System of assessment and verification of constancy of performance of the construction product: System 2+
- 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive Strength	Pass	EN 14471:2005
Reaction to Fire	O	EN 14471:2005
Temperature class	(Designation 1, 4) T120	EN 14471:2005
Gas Tightness/Leakage	P1	EN 14471:2005
Components Subject to Wind Load	Pass	EN 14471:2005
Bending and Tensile Resistance	Pass	EN 14471:2005
Long-Term Thermal Resistance	Pass	EN 14471:2005
Condensate resistance	Pass	EN 14471:2005
Durability against chemicals	Pass	EN 14471:2005
Condensate Penetration and Water Vapour Diffusion resistance	Pass	EN 14471:2005
Durability against UV	Not Pass	EN 14471:2005
Durability against Thermal Load	Pass	EN 14471:2005

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(place and date of issue)
Château-Thierry 1st of July 2013

(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-1**
 2) Trade name of the product: **SDW50, SDWC50, Extetic**

(Designation 1)	EN 1856-1	T200 P1 W V2	L50040 O30	for DN 80 ÷ 300
(Designation 2)	EN 1856-1	T200 P1 W V2	L50050 O45	for DN 350 ÷ 450
(Designation 3)	EN 1856-1	T200 P1 W V2	L50050 O60	for DN 500 ÷ 550
(Designation 4)	EN 1856-1	T600 N1 W V2	L50040 G50	for DN 80 ÷ 300
(Designation 5)	EN 1856-1	T600 N1 W V2	L50050 G75	for DN 350 ÷ 450
(Designation 6)	EN 1856-1	T600 N1 W V2	L50050 G100	for DN 500 ÷ 550
(Designation 7)	EN 1856-1	T600 N1 W V2	L50060 G100	for DN 550 ÷ 600
(Designation 8)	EN 1856-1	T600 N1 W V2	L50060 G200	for DN 600 ÷ 800

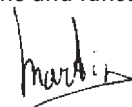
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epaux-Bézu - 02400 Château-Thierry - France
 5) Name and contact address of the authorised representative: Not applicable
 6) System of assessment and verification of constancy of performance of the construction product: System 2+
 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive Strength	Pass	EN 1856-1:2009
Reaction to Fire	(Designation 4) G50 (Designation 5) G75 (Designation 6) G100 (Designation 7) G100 (Designation 8) G200	EN 1856-1:2009
Gas Tightness/Leakage	Designation 1 ÷ 3 : P1 Designation 4 ÷ 8 : N1	EN 1856-1:2009
Value of Roughness	1 mm (According to EN 13384-1)	EN 1856-1:2009
Flow Resistance of the elements	According to EN 13384-1	EN 1856-1:2009
Thermal Resistance	0,56 m ² k/W	EN 1856-1:2009
Thermal Shock Resistance	Pass	EN 1856-1:2009
Vertical installation	Pass	EN 1856-1:2009
Components subject to wind load	Pass	EN 1856-1:2009
Water and vapour diffusion Resistance	Pass	EN 1856-1:2009
Durability against Corrosion	Class V2	EN 1856-1:2009
Freeze Thaw Resistance	Pass	EN 1856-1:2009

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(place and date of issue)
Château-Thierry 1st of July 2013

(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-1**
- 2) Trade name of the product: **ADW10**
 (Designation 1) EN 1856-1 T200 P1 WV2 L50040 O30 for DN 80 ÷ 300
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
- 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epaux-Bézu - 02400 Château-Thierry - France
- 5) Name and contact address of the authorised representative: Not applicable
- 6) System of assessment and verification of constancy of performance of the construction product: System 2+
- 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive Strength	Pass	EN 1856-1:2009
Reaction to Fire	O30	EN 1856-1:2009
Gas Tightness/Leakage	(Designation 1) : P1	EN 1856-1:2009
Value of Roughness	1 mm (According to EN 13384-1)	EN 1856-1:2009
Flow Resistance of the elements	According to EN 13384-1	EN 1856-1:2009
Thermal Resistance	0,20 m ² k/W	EN 1856-1:2009
Thermal Shock Resistance	Pass	EN 1856-1:2009
Vertical installation	Pass	EN 1856-1:2009
Components subject to wind load	Pass	EN 1856-1:2009
Water and vapour diffusion Resistance	Pass	EN 1856-1:2009
Durability against Corrosion	Class V2	EN 1856-1:2009
Freeze Thaw Resistance	Pass	EN 1856-1:2009

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(place and date of issue)

Château-Thierry 1st of July 2013

(name and function)



- 1) Unique identification code of the product-type: **Metal Flue System EN 1856-1, EN 14989-2**
- 2) Trade name of the product: **Bivent inox/inox, Bivent inox/inox black, Coax / CLV**

(Designation 1)	EN 1856-1 - EN 14989-2 T200 P1 W V2 L50040 O30 for DN 80 ÷ 300
(Designation 2)	EN 1856-1 - EN 14989-2 T600 N1 W V2 L50040 G100 for DN 80 ÷ 300
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Flue System for evacuation of exhaust gas from the appliance to outside
- 4) Name and contact address of the manufacturer: **Tubest s.a.s.**, Z.I.D. de l'Omois - Epaux-Bézu - 02400 Château-Thierry - France
- 5) Name and contact address of the authorised representative: Not applicable
- 6) System of assessment and verification of constancy of performance of the construction product: System 2+
- 7) The notified body KIWA Italia S.p.a, with identification number 0694, performed in accordance of System 2+ 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) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive Strength	Pass	EN 1856-1:2009, EN 14989-2
Reaction to Fire	O30 (Designation 1) G100 (Designation 2)	EN 1856-1:2009, EN 14989-2
Gas Tightness/Leakage	(Designation 1) : P1 (Designation 2) : N1	EN 1856-1:2009, EN 14989-2
Value of Roughness	1 mm (According to EN 13384-1)	EN 1856-1:2009, EN 14989-2
Flow Resistance of the elements	According to EN 13384-1	EN 1856-1:2009, EN 14989-2
Thermal Resistance	0,59 m ² k/W	EN 1856-1:2009, EN 14989-2
Thermal Shock Resistance	Pass	EN 1856-1:2009, EN 14989-2
Vertical installation	Pass	EN 1856-1:2009, EN 14989-2
Components subject to wind load	Pass	EN 1856-1:2009, EN 14989-2
Water and vapour diffusion Resistance	Pass	EN 1856-1:2009, EN 14989-2
Durability against Corrosion	Class V2	EN 1856-1:2009, EN 14989-2
Freeze Thaw Resistance	Pass	EN 1856-1:2009, EN 14989-2

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

(place and date of issue)
Château-Thierry 1st of July 2013

(name and function)

