



DECLARATION OF PERFORMANCE

N° DopSFS03

- 1) Unique identification code of the product-type : **SFS TS, SFS 2xHR, SFS INOX**
- 2) Trade name of the product : **SFS TS, SFS 2xHR, SFS INOX**

SFS TS:

(Designation 1)	EN 1856-2	T200 P1 W V2	L50010 O	for Ø 50 ÷ 400 (thickness 0.10 mm)
(Designation 2)	EN 1856-2	T600 N1 W V2	L50010 G	for Ø 50 ÷ 400 (thickness 0.10 mm)
(Designation 3)	EN 1856-2	T200 P1 W V2	L50012 O	for Ø 50 ÷ 400 (thickness 0.12 mm)
(Designation 4)	EN 1856-2	T600 N1 W V2	L50012 G	for Ø 50 ÷ 400 (thickness 0.12 mm)

SFS 2xHR:

(Designation 5)	EN 1856-2	T200 P1 W V2	L70010 O	for Ø 50 ÷ 400 (thickness 0.10 mm)
(Designation 6)	EN 1856-2	T600 N1 W V2	L70010 G	for Ø 50 ÷ 400 (thickness 0.10 mm)
(Designation 7)	EN 1856-2	T200 P1 W V2	L70012 O	for Ø 50 ÷ 400 (thickness 0.12 mm)
(Designation 8)	EN 1856-2	T600 N1 W V2	L70012 G	for Ø 50 ÷ 400 (thickness 0.12 mm)

SFS INOX:

(Designation 9)	EN 1856-2	T600 N1 W V2	L50010 G	for Ø 50 ÷ 400 (thickness 0.10 mm)
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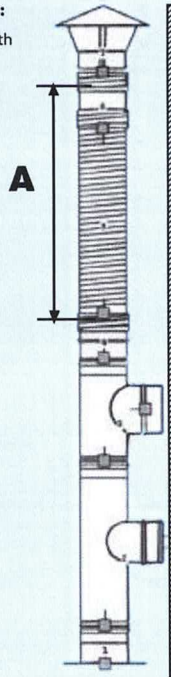
- 3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Flue System for evacuation of exhaust gas from the appliance to outside.**
- 4) Name and contact address of the manufacturer: **SFSAB SkorstensFolket - Box 8826, 402 71 Gothenburg (SE).**
- 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 CERMET ITALIA S.p.a.**, with identification **number 0476**, 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.



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8) Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION																																																															
Mechanical resistance and stability: - Compressive and tensile strength resistance (A) - Torsion strength resistance (B)	 <table border="1"> <thead> <tr> <th>Ø</th> <th>A VALUE</th> <th>B VALUE</th> </tr> </thead> <tbody> <tr><td>50 mm</td><td>up to 60 m</td><td>1,7 Kg.m</td></tr> <tr><td>60 mm</td><td>up to 60 m</td><td>1,8 Kg.m</td></tr> <tr><td>80 mm</td><td>up to 60 m</td><td>2,0 Kg.m</td></tr> <tr><td>100 mm</td><td>up to 60 m</td><td>2,5 Kg.m</td></tr> <tr><td>110 mm</td><td>up to 60 m</td><td>2,8 Kg.m</td></tr> <tr><td>120 mm</td><td>up to 50 m</td><td>3,1 Kg.m</td></tr> <tr><td>125 mm</td><td>up to 50 m</td><td>3,2 Kg.m</td></tr> <tr><td>130 mm</td><td>up to 50 m</td><td>3,3 Kg.m</td></tr> <tr><td>140 mm</td><td>up to 35 m</td><td>3,6 Kg.m</td></tr> <tr><td>150 mm</td><td>up to 30 m</td><td>3,8 Kg.m</td></tr> <tr><td>155 mm</td><td>up to 30 m</td><td>3,9 Kg.m</td></tr> <tr><td>160 mm</td><td>up to 30 m</td><td>4,1 Kg.m</td></tr> <tr><td>180 mm</td><td>up to 30 m</td><td>4,6 Kg.m</td></tr> <tr><td>200 mm</td><td>up to 30 m</td><td>5,1 Kg.m</td></tr> <tr><td>220 mm</td><td>up to 30 m</td><td>5,6 Kg.m</td></tr> <tr><td>230 mm</td><td>up to 30 m</td><td>5,9 Kg.m</td></tr> <tr><td>250 mm</td><td>up to 30 m</td><td>6,4 Kg.m</td></tr> <tr><td>280 mm</td><td>up to 15 m</td><td>7,1 Kg.m</td></tr> <tr><td>300 mm</td><td>up to 15 m</td><td>7,6 Kg.m</td></tr> <tr><td>350 mm</td><td>up to 10 m</td><td>8,9 Kg.m</td></tr> </tbody> </table>	Ø	A VALUE	B VALUE	50 mm	up to 60 m	1,7 Kg.m	60 mm	up to 60 m	1,8 Kg.m	80 mm	up to 60 m	2,0 Kg.m	100 mm	up to 60 m	2,5 Kg.m	110 mm	up to 60 m	2,8 Kg.m	120 mm	up to 50 m	3,1 Kg.m	125 mm	up to 50 m	3,2 Kg.m	130 mm	up to 50 m	3,3 Kg.m	140 mm	up to 35 m	3,6 Kg.m	150 mm	up to 30 m	3,8 Kg.m	155 mm	up to 30 m	3,9 Kg.m	160 mm	up to 30 m	4,1 Kg.m	180 mm	up to 30 m	4,6 Kg.m	200 mm	up to 30 m	5,1 Kg.m	220 mm	up to 30 m	5,6 Kg.m	230 mm	up to 30 m	5,9 Kg.m	250 mm	up to 30 m	6,4 Kg.m	280 mm	up to 15 m	7,1 Kg.m	300 mm	up to 15 m	7,6 Kg.m	350 mm	up to 10 m	8,9 Kg.m	EN 1856-2 : 2009
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- Crushing resistance	Pass	EN 1856-2 : 2009																																																															
- Flexibility	Pass maximum inclination 45°																																																																
- Pulling force	Pass																																																																
Gas tightness/leakage	Designation 1, 3, 5, 7: P1 Designation 2, 4, 6, 8: N1	EN 1856-2 : 2009																																																															
Flow resistance (Value of roughness)	1 mm (according to EN 13384-1)	EN 1856-2 : 2009																																																															
Thermal resistance	0,0 m ² .K/W	EN 1856-2 : 2009																																																															
Resistance to fire	Designation 1, 3, 5, 7: NO because O designation (with seal) Designation 2, 4, 6, 8, 9: YES because G designation (without seal)	EN 1856-2 : 2009																																																															
Thermal-shock resistance	Pass	EN 1856-2 : 2009																																																															
Temperature class	Designation 1, 3, 5, 7: T200 (200 °C with seal) Designation 2, 4, 6, 8, 9: T600 (600 °C without seal)	EN 1856-2 : 2009																																																															
Durability against chemicals:		EN 1856-2 : 2009																																																															
- Water vapour diffusion resistance	Pass																																																																
- Condensate penetration resistance	Pass designation W																																																																
Durability against corrosion	Pass designation V2	EN 1856-2 : 2009																																																															
Freeze/thaw resistance	YES	EN 1856-2 : 2009																																																															

9) 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.

Gothenburg the 2019-08-30

(name and function)

Name:  / Jörgen Tellestam

Title: Managing director