

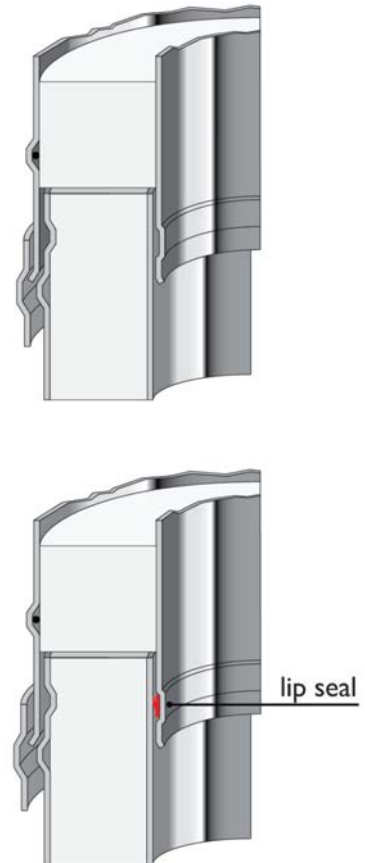
Product Data Sheet

Multi 25

Ver. 2.0
Date: 2016-05-27

Application:	Double wall insulated system chimney for all regular boilers, stoves and fireplaces in residential or non-residential application
Installation:	Outside or inside a building
Fuels:	Gas, oil, solid fuel
Operating temperature:	≤ 450 °C (≤ 200 °C in positive pressure)
Sootfire resistance:	Yes
Mode of operation:	Negative pressure (N1 ≤ 40 Pa) Positive pressure (P1 ≤ 200 Pa) with lip seal - for gas (silicone) - for oil (Viton)
	Dry (Gas, oil, solid fuel) / Wet (gas, oil)
Inner liner material:	1.4404 (316L)
Outer casing material:	1.4301 (304)
Outer casing finish:	- BA - shiny (standard) - 2B - matt - brushed (outercase thickness 0,6 mm) - copper finish - RAL coloured
Insulation type:	Superwool Plus blanket (Ø80 - Ø950) Mineral fiber flocks (Ø80 - Ø250)*
Insulation density:	Superwool Plus 96 kg/m ³ Mineral fiber 170 kg/m ³
Thermal resistance:	0,37 m ² K/W measured at 200 °C with Ø200 mm
Mean roughness:	1,0 mm according to EN 13384-1
Height above last structural support:	- 3,0 m (Ø80 - Ø400) - 2,0 m (Ø450 - Ø700)
Distance between lateral supports:	- 4,0 m (Ø80 - Ø400) - 3,0 m (Ø450 - Ø700)

*in some countries standard insulation type in this diameter range



Diameter Range:

Internal diameter:	80	100	130	150	180	200	230	250	300	350	400	450	500	600	700	800	900
External diameter:	130	150	180	200	230	250	280	300	350	400	450	500	550	650	750	850	950
Inner liner thickness:	0,5 mm (1,0 mm optional)										0,6 mm (1,0 mm optional)						
Outer wall thickness:	0,5 mm								0,6 mm				0,7 mm				
Weight (kg/m) 0,6 mm	3,5	4,2	5,2	5,8	6,8	7,5	8,5	9,2	11,7	13,5	16,3	18,2	20,2	25,7	29,7	33,0	37,0
Weight (kg/m) 1,0 mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,0	46,0

Certificates and designations:

MULTI 25 – System chimney:	0036 – CPD – 91236 – 001 rev. 02 0036 – CPD – 9195 – 001 rev. 05
CE Designation EN 1856-1:	T450 - N1 - W - V2 - L50050 – GXX* T450 - N1 - D - V3 - L50050 – GXX* T200 - P1 - W - V2 - L50050 – O00

*distance to combustible materials depends on diameter and type of installation:

Fig. 1: Installation outside fully ventilated

Distance to combustibles at:

- T450:** $\varnothing 80 - \varnothing 300 = \mathbf{G50}$
 $\varnothing 350 - \varnothing 450 = \mathbf{G75}$
 $\varnothing 500 - \varnothing 600 = \mathbf{G100}$
 $\varnothing 650 - \varnothing 700 = \mathbf{G200}$

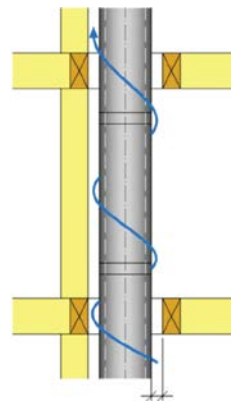


Fig. 1

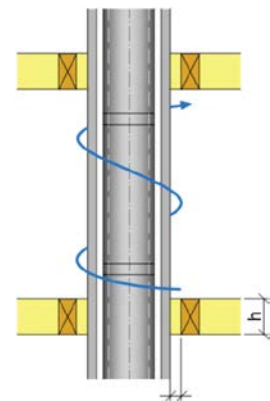


Fig. 2

Fig. 2: Installation inside non-combustible shaft (distance refers to the shaft's outside wall)

Distance to combustibles at:

- T450:** $\varnothing 80 - \varnothing 300 = \mathbf{G50}$

Fig. 3: Installation inside combustible shaft – naturally ventilated

Distance to combustibles at:

- T450:** $\varnothing 80 - \varnothing 300 = \mathbf{G60}$

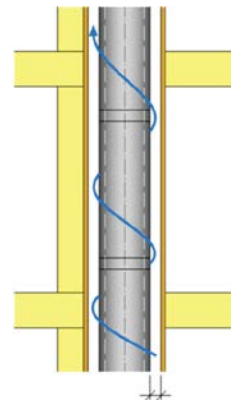


Fig. 3

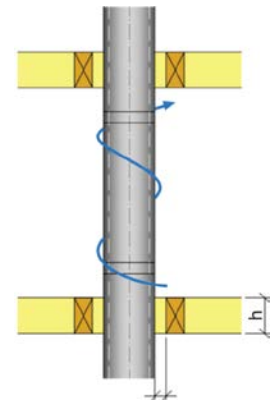


Fig. 4

Fig. 4: Installation through insulated closed floor

Distance to combustibles at:

- T450:** $\varnothing 80 - \varnothing 300 = \mathbf{G100}$ for $h \leq 200$ mm
T450: $\varnothing 80 - \varnothing 300 = \mathbf{G150}$ for $200 < h \leq 400$ mm

MULTI 25 – Connecting flue pipe:	0036 – CPR – 91236 – 041 0036 – CPR – 9195 – 041
CE Designation EN 1856-2:	T450 - N1 - D - V2 - L50050 – G100 M

Fig. 5: Installed as horizontal connecting flue pipe

Distance to combustibles at:

- T450:** $\varnothing 80 - \varnothing 300 = \mathbf{G100}$

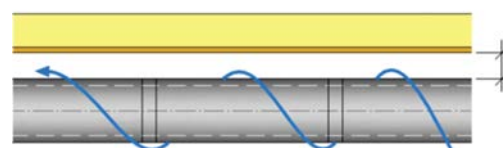


Fig. 5