



Ytelseserklæring

Udstedt i henhold til CPD 89/106/EEC

Krav for metallskorstein Del 1 Produkt for Systemkorstein iht EN 1856-1

Produsent **Schiedel s.r.o.**
Horoušanská 286, CZ-250 81 Nehvizdy

Fabrikkadresse **Schiedel s.r.o.**
Modlanská 1, CZ-415 02 Teplice

Produktnavn **Permeter Vent (PMV)**

Navn og tittel for ansvarshavende: **Thomas Muehl, Director Business Line Steel**

Sertifisering: TÜV Süd Industrie Service GmbH
Ridlerstraße 65
D-80339 München

Sertifikat nr. / år 0036 CPD 9195 034 – 2012

Testrapport:

Permeter Smooth Air Certificate No. 0036 CPD 9195 34 - 2012

Betegnelse av tilhørende dokumenter i henhold til EN 1856 – 1 vedlegg ZA figur ZA 2

0.1	Stålskorstein System	EN 1856-1	T400	N1	D	V3-L50050	G75	Dobbeltvegget skorstein med 25 mm isolering, som tilfører forbrenningsluft til ildstedet, for innendørs installasjoner. Installert gjennom isolert etasjeskille (200mm standard gulvtykkelse) uten videre innkassing. Tørr røykgass, undertrykk.
0.2	Stålskorstein System	EN 1856-1	T400	N1	D	V2-L99050	G75	Dobbeltvegget skorstein med 25 mm isolering, som tilfører forbrenningsluft til ildstedet, for innendørs installasjoner. Installert gjennom isolert etasjeskille (200mm standard gulvtykkelse) uten videre innkassing. Tørr røykgass, undertrykk.
0.3	Stålskorstein System	EN 1856-1	T400	N1	D	V3-L50050	G50	Dobbeltvegget skorstein med 50 mm isolering, som tilfører forbrenningsluft til ildstedet, for innendørs installasjoner. Installert gjennom isolert etasjeskille (200mm standard gulvtykkelse) uten videre innkassing. Tørr røykgass, undertrykk.
0.4	Stålskorstein System	EN 1856-1	T400	N1	D	V2-L99050	G50	Dobbeltvegget skorstein med 50 mm isolering, som tilfører forbrenningsluft til ildstedet, for innendørs installasjoner. Installert gjennom isolert etasjeskille (200mm standard gulvtykkelse) uten videre innkassing. Tørr røykgass, undertrykk.

Produkt beskrivelse

Europanorm

Temperaturklasse

Trykk klassifisering
(N: Undertrykk / P: Overtrykk / H:Høyt trykk)

Kondensering
(W: våt eller D: tørr)

Korrosjon (testet)
Materialbeskrivelse yttermantel

Motstand mot skrosteinsbrann G: ja / O: nei
ved minimumsavstand mot brennbar materialer (i mm)

Viktige egenskaper:

Trykkbestandighet
Max. belastning: - Se tabell

Flytemotstand
Medium ruhet: 0,1 mm

Varmemotstand
PMV-25 ≥ TR_{xx}
PMV-50 ≥ TR_{xx}

Lateral
Strekfasthet: Ingen angitt ytelse
Senterforskyvning: Max. 1 meter

Vindlast motstand
Max. høyde over tak frittstående:
Ingen angitt ytelse

Max. avstand mellom forankring:

Frost / tine motstand
Ja

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Declaration of Conformity and Product Description

NR	Characteristics and clauses to EN 1856-1	Results / Class	Documentation	Additional Information
1.0	Dimensions (Nominal diameters) <i>Models 01 & 02</i> <i>Clause 4 and 5</i>	130, 150, 180 & 200mm	Manufacturer's declaration	See Annex A See product catalogue.
1.1	Dimensions (Nominal diameters) <i>Models 03 & 04</i> <i>Clause 4 and 5</i>	130 & 150mm	Manufacturer's declaration	See Annex A See product catalogue.
2.0	Inner liner material (quality, thickness) <i>Models 01 & 03</i> <i>Clause 4 and 5</i> <i>Clause 6.7.2</i>	L50: AISI 316L 2B (1.4404) Nominal thickness 0.5mm (minimum thickness 0.45mm)	Manufacturer's declaration Material to EN 10088:2009	
2.1	Inner liner material (quality, thickness) <i>Models 02 & 04</i> <i>Clause 4 and 5</i> <i>Clause 6.7.2</i>	L99: AISI 444 2B (1.4521) Nominal thickness 0.5mm (minimum thickness 0.45mm)	Manufacturer's declaration Material to EN 10088:2009	
3.0	Outer liner material (quality, thickness) <i>Clause 4 and 5</i> <i>Clause 6.7.2</i>	AISI 304 BA (1.4301) Nominal thickness 0.5mm (minimum thickness 0.45mm)	Manufacturer's declaration Material to EN 10088:2009	
3.1	Outer liner material (quality, thickness) <i>Clause 4 and 5</i> <i>Clause 6.7.2</i>	Galvanised DX51D+Z200MAC Nominal thickness 0.6mm (minimum thickness 0.55mm)	Manufacturer's declaration Material to EN 10088:2009	
3.2	Outer liner Coating	Powder Coated. Corro-Coat PE 1023311 Jotun.	Manufacturer's declaration	
4.0	Insulation PMSA 25 & 50 (Foil installed facing air cavity)	Rockwool Nr. 000725300 with Alu foil. density 125 kg/m ³ , thickness 25 mm, thermal conductivity xx W/mK	Manufacturer's declaration / Installation Instructions. TUV Test Report Axxxx	
5.0	Pipes and fitting	All components in product catalogues	Manufacturer's declaration	See Product Catalogue
6.0	Intended use	Family houses serving one heat appliance. Stoves burning Wood & pellets up to 10 kW being operated as a room sealed appliance.	National regulations for use have to be applied	

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Chimney Systems

NR	Characteristics and clauses to EN 1856-1	Results / Class	Documentation	Additional Information
	Mechanical Resistance and Stability <i>Clause 6.2</i>			
7.0	Compressive strength <i>Clause 6.2.1.1.</i>		TUV Test Report A	See load bearing data
7.1	Compression strength of supports <i>Clause 6.2.1.2.</i>		TUV Test Report A	See load bearing data
8.0	Tensile strength <i>Clause 6.2.2.</i>		TUV Test Report A	
9.0	Windload resistance <i>Clause 6.2.3.2.</i>			See Installation Guidelines
10.0	Non vertical installation, angle <i>Clause 6.2.3.1.</i>	Pass	TUV Test Report A	See Installation Guidelines
11.0	Gas tightness Models <i>Clause 6.5</i>	N1	TÜV Test Report Number A	All diameters See annex D
12.0	Distance to combustible Models 01 & 02: <i>Clause 6.6.1.</i>	G75	TÜV Test Report Number A	See installation guidelines
12.1	Distance to combustible Models 03 & 04: <i>Clause 6.6.1.</i>	G50	TÜV Test Report Number A	See installation guidelines
13.0	Accidental human contact <i>Clause 6.6.2.</i>	Shield to accidental human contact where appropriate	Manufacturer's declaration	See annex E
14.0	Thermal resistance <i>Clause 6.6.3.</i>	≥ TR _{xxx}	TÜV Test Report Number A	
15.0	Condensate resistance and vapour resistance <i>Clause 6.6.4.</i>	D	TÜV Test Report Number A	See installation guidelines
16.0	Resistance to rain from outside <i>Clause 6.6.6.</i>		TÜV Test Report Number A	Including inspection opening
17.0	Flow resistance for section <i>Clause 6.6.7.1.</i>	R = 1 mm according to EN 13384-1	Normative	
18.0	Flow resistance for fittings <i>Clause 6.6.7.2</i>	according to EN 13384-1	Normative	
19.0	Flow resistance of terminal <i>Clause 6.6.7.3</i>	according to EN 13384-1	Normative	
20.0	Resistance to rain for the terminal <i>Clause 6.6.8.1.</i>			

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NR	Characteristics and clauses to EN 1856-1	Results / Class	Documentation	Additional Information
21.0	Aerodynamic behaviour for terminals <i>Clause 6.6.8.2</i>	NPD		
22.0	Durability – Corrosion resistance (L50) Models 01/03/05/ <i>Clause 6.7.1.</i>	V3	TÜV Test Report Number A	
22.1	Durability – Corrosion resistance (L99) Models 06/07/08 <i>Clause 6.7.1.</i>	V3	TÜV Test Report Number A	
23.0	Freeze thaw resistance <i>Clause 6.7.3.</i>	Proved according to EN 1856-1	Normative	
24.0	Dangerous substances <i>Clause 7.2.</i>	None	Manufacturer's declaration	
25.0	Installation <i>Clause 7.2.</i>		See installation guidelines	
	<u>Additional Information</u> <i>Clause 7.2</i>			
26.0	Storage Instructions	No Corrosive atmosphere. Dry environment to prevent insulation becoming wet.	See installation guidelines	
27.0	Method of joining / installing components		See installation guidelines	
28.0	Method of applying seals		See installation guidelines	
29.0	Minimum distance from the chimney outer to the inner surface of the enclosure		National regulations for use have to be applied	
30.0	Positioning of clean-out and inspection openings		National regulations for use have to be applied	
31.0	Enclosure/cladding specifications		See installation guidelines	
32.0	Cleaning methods or instruments	No cleaning instruments made of black steel.	See installation guidelines	
33.0	Recommendations on condensate drainage		See installation guidelines	
34.0	Installation of Chimney Plate		See installation guidelines	