

Declaration of Conformity

Q1
SCHIEDEL

NERTECH

Requirements on Metal Chimneys

Part 1 Products for System Chimneys according to EN 1856-1

Manufacturer identification

Schiedel NERTECH s.r.o.
Modlanská 1
415 02 Teplice 1
CZ



Product description (trade name)

PERMETER 25 Painted

Name and function of responsible person:

Dr. Wolfgang Marka, CEO

Certification Body:

TÜV Industrie Service GmbH TÜV Süd Gruppe
Ridlerstraße 65
D-80339 München

Certification nr. / year

0036 CPD 91236 010

Designation of accompanying documents according to EN 1856 – 1 Annex ZA figure ZA 2

0.1	Metal system chimney	EN 1856-1	T450	N1	W	V2-L50050	G75	Double wall chimney with 25mm insulation for applications inside a building, inside a combustible shaft; fire stops in the ceiling, where the appliance is situated, open to the roof; dry and condensing flue gas, negative pressure, painted.
0.2	Metal system chimney	EN 1856-1	T450	N1	D	V3-L50050	G75	Double wall chimney with 25mm insulation for applications inside a building, inside a combustible shaft; fire stops in the ceiling, where the appliance is situated, open to the roof; dry flue gas, negative pressure, painted.
0.3	Metal system chimney	EN 1856-1	T450	N1	W	V2-L50050	G50	Double wall chimney with 25mm insulation for applications inside/outside a building inside a non-combustible and ventilated shaft or outside a shaft; fire stops outside a shaft in the ceilings; dry and condensing flue gas, negative pressure, painted.
0.4	Metal system chimney	EN 1856-1	T450	N1	D	V3-L50050	G50	Double wall chimney with 25mm insulation for applications inside/outside a building inside a non-combustible and ventilated shaft or outside a shaft; fire stops outside a shaft in the ceilings; dry flue gas, negative pressure, painted.
0.5	Metal system chimney	EN 1856-1	T200	P1	W	V2-L50050	O00	Double wall chimney with 25mm insulation for applications inside/outside a building outside a shaft; fire stops in the ceilings; dry and condensing flue gas, negative and positive pressure; with elastomeric seals to EN 14241-1, painted.

Product Description

Standard Number

Temperature Class

Pressure Class

(N: Negative / P: Pressure / H: High Pressure)

Condensate Resistance

(W: wet or D: dry)

Corrosion Resistance (according test)

Liner material description

Soot Fire Resistance G: yes / O: no

at distance to combustible material (in mm)

Section of metal system chimney

Compression strength

Max. load: see table installation heights

Flow resistance

Medium roughness: 1 mm

Thermal resistance

≥ TR37

Lateral

Tensile strength: NPD

Slope installation: Max. distance between supports: NPD

Wind load resistance

Max. freestanding end:

DN ≤ 400 mm 3,0 m above last support
DN ≥ 450 mm 2,0 m above last support

Max. distance between supports:

DN ≤ 400 mm 4,0 m
DN ≥ 450 mm 3,0 m

Freeze thaw resistance

Yes

PERMETER 25 Painted Certificate No. 0036 CPD 91236 010

Declaration of Conformity **and Product Description**

1.0	Dimensions (Nominal diameters)	80, 100, 130, 150, 180, 200, 230, 250, 300, 350, 400, 450, 500, 550, 600, & 700	Manufacturer's declaration	See Annex A
2.0	Inner liner material (quality, thickness)	DN 80-400 nominal thickness 0.5 mm (minimum thickness 0.47 mm) DN450-700 nominal thickness 0.6mm (minimum thickness 0.55mm)	Manufacturer's declaration Material to EN 10088:2005	
3.0	Outer liner material (quality, thickness)	AISI 304 BA (1.4301) Nominal thickness 0.6mm (minimum thickness 0.55mm)	Manufacturer's declaration Material to EN 10088:2005	
	Outer liner material alternative (quality, thickness)	DX51DZ200MAC Nominal thickness 0.6mm (minimum thickness 0.55mm)	Manufacturer's declaration Material to EN 10142	
4.0	Insulation	Superwool 607 density 128 kg/m3, thickness 25 mm, thermal conductivity W/mK, composition, see document No1	Manufacturer's declaration, MPA Karlsruhe, report Nr977064	
	Insulation alternative	Lapinus 702 – Roxul 1000 density 2,75 ± 0,15% g/cm3, granulated mineral fibre composition, see document No2	Manufacturer's declaration	
5.0	Elastomeric Seals 200 Pa	Wet Seal Ring to EN 14241-1 Gas:- R75065 / ITKS65N00E Oil:- ITKV70N02E	Manufacturer's declaration, TÜV	Dimensions see annex B
6.0	Pipes and fitting	All components in product catalogues	Manufacturer's declaration	See annex C
7.1	Intended use	All gaseous, liquid and solid fuel inside building inside shaft condensing	National regulations for use have to be applied	
7.2	Intended use	All gaseous, liquid and solid fuel inside building inside shaft dry	National regulations for use have to be applied	
7.3	Intended use	All gaseous, liquid and solid fuel inside or outside building outside shaft condensing	National regulations for use have to be applied	
7.4	Intended use	All gaseous, liquid and solid fuel inside or outside building outside shaft, dry	National regulations for use have to be applied	
7.5	Intended use	gas, domestic heating oil inside or outside building. outside shaft, condensing, positive pressure	National regulations for use have to be applied	
8.0	Compression strength of T - Piece	DN 80 - ≤ 2.12 kN DN 300 - ≤ 2.25 kN DN 700 - ≤ 1.25 kN	MPA Report 31 1027 496 TÜV Test Report Numbers:- A 1399-00/05 A 1400-00/05 A 1400-01/06	
8.1	Compression strength of supports	NPD	Manufacturer's declaration	Evaluation necessary
9.0	Tensile strength	NPD		

PERMETER 25 Paired Certificate No. 0036 CPD 91236 010

10.0	Windload resistance	Up to DN 400 ≤ 3 m above last support ≤ 4 m between supports From DN 450 ≤ 2 m above last support ≤ 3 m between supports	TÜV Test Report Numbers:- A 1399-00/05 A 1400-00/05 A 1400-01/06	
11.0	Non vertical installation, angle	NPD		
12.0	Non vertical installation, distance	NPD		
13.1	Gas tightness	N1	TÜV Test Report Number A 1399-00/05	All diameters See annex D
13.2	Gas tightness	N1	TÜV Test Report Number A 1399-00/05	All diameters See annex D
13.3	Gas tightness	N1	TÜV Test Report Number A 1399-00/05	All diameters See annex D
13.4	Gas tightness	N1	TÜV Test Report Number A 1399-00/05	All diameters See annex D
13.5	Gas tightness	P1	TÜV Test Report Number A 1400-00/05 Manufacturers Declaration	All diameters
14.1	Distance to combustible	75 mm inside shaft with fire Stops + open gap at the roof	TÜV Test Report Number A 1399-00/05	
14.2	Distance to combustible	75 mm inside shaft with fire Stops + open gap at the roof	TÜV Test Report Number A 1399-00/05	
14.3	Distance to combustible	50 mm outside shaft with /without fire stops	TÜV Test Report Number A 1399-00/05	
14.4	Distance to combustible	50 mm outside shaft with /without fire stops	TÜV Test Report Number A 1399-00/05	
14.5	Distance to combustible	0 mm outside shaft with /without fire stops	TÜV Test Report Number A 1400-01/06	
15.1	Accidental human contact	Shield to accidental human contact where appropriate	Manufacturer's declaration	See annex E
15.2	Accidental human contact	Shield to accidental human contact where appropriate	Manufacturer's declaration	See annex E
15.3	Accidental human contact	Shield to accidental human contact where appropriate	Manufacturer's declaration	See annex E
15.4	Accidental human contact	Shield to accidental human contact where appropriate	Manufacturer's declaration	See annex E
15.5	Accidental human contact	Maximum temperature < 70° contact where appropriate	TÜV Test Report Number A 1400-00/05	See annex E
16.0	Thermal resistance	≥ TR37	TÜV Test Report Number A 1399-00/05	

PERMETER 25 Paired Certificate No. 0036 CPD 91236 010

17.1	Condensate resistance and vapour resistance	W	TÜV Test Report Number A 1399-00/05	
17.2	Condensate resistance and vapour resistance	NPD	Designation D	
17.3	Condensate resistance and vapour resistance	W	TÜV Test Report Number A 1399-00/05	
17.4	Condensate resistance and vapour resistance	NPD	Designation D	
17.5	Condensate resistance and vapour resistance	W	TÜV Test Report Number A 1400-00/05	
18.0	Resistance to rain from outside	Proved	TÜV Test Report Number A 1399-00/05	Including inspection opening
19.0	Flow resistance for section	R = 1 mm according to EN 13384-1	Normative	
20.0	Flow resistance for fittings	Table xx of EN 13384-1	Normative	
21.0	Flow resistance of terminal	Table xx of EN 13384-1	Normative	
22.0	Resistance to rain for the terminal	NPD		
23.0	Aerodynamic behaviour for terminals	NPD		
24.1	Corrosion resistance	V2	TÜV Test Report Number A 1399-00/05	
24.2	Corrosion resistance	V3	Test Report MPA NRW 31 1027 4 96 Date: 02/07/1996	
24.3	Corrosion resistance	V2	TÜV Test Report Number A 1399-00/05	
24.4	Corrosion resistance	V3	Test Report MPA NRW 31 1027 4 96 Date: 02/07/1996	
24.5	Corrosion resistance	V2	TÜV Test Report Number A 1400-00/05	
25.0	Freeze thaw resistance	Proved according to EN 1856-1	Normative	
26.0	Dangerous substances	None	Manufacturer's declaration	
27.0	Installation		See installation, operation and maintenance manual.	

PERMETER 25 Paired Certificate No. 0036 CPD 91236 007



Industrie Service

CERTIFICATE

0036 CPD 91236 009

Revision 01

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD) amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

System Chimney PERMETER 50 Painted models

EN 1856-1	T600 N1 W V2 L50050 G25
EN 1856-1	T600 N1 D V3 L50050 G25
EN 1856-1	T400 N1 W V2 L50050 G25
EN 1856-1	T400 N1 D V3 L50050 G25
EN 1856-1	T600 N1 D Vm L20050 G25
EN 1856-1	T400 N1 D Vm L20050 G25

produced by

Schiedel Nertech s. r.o.
Modlanská 1
CZ-415 02 Teplice

in the factory

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

is submitted to

- the **initial type testing** and, performed by
TÜV SÜD Industrie Service GmbH, test report A 1401-03/05 and
- a **factory production control**

The Notified Body TÜV SÜD Industrie Service GmbH has performed the initial inspection of the factory and the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standard

EN 1856-1: 2003-06

were applied.

This certificate was first issued on 2009-01-15 and - with respect to the conditions of the certification contract - remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly and latest on 2014-01-14.

Munich, 2009-07-02

J. Steiglechner

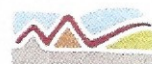
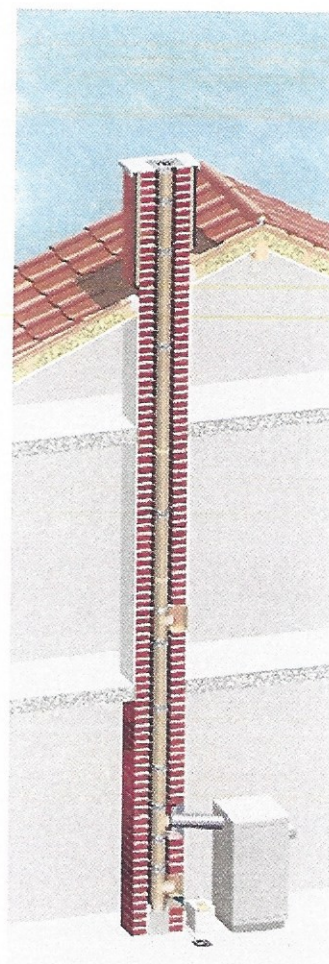
*Kunnsbevis***Schiedel Skorsteiner AS****KÅRE KNUTSEN**

har autorisasjon til å rehabilitere
skorsteiner av tegl, betong og
elementsakorsteiner med Schiedel
produkter. Dette gjelder alle systemer som
SINTEF NBL har gitt dokumentasjon,
produktvurdering eller tilsvarende for.

Reparasjonene skal utføres i samsvar med
Schiedel sine egne monteringsanvisninger
og beskrivelser.



Schiedel Skorsteiner AS
Karihaugveien 89, 1086 Oslo, Norge
Tlf. 22309170, Fax. 22309270

**MONIER**

Q4

Heat Fab system

Produktvurdering 128-035 fra SINTEF NBL

Montørgodkjenning

VANGBO A/S bekrefter at firma *Knutzen Montasje* er godkjent Heat Fab montør etter å ha gjennomgått instruksjons- materiale for Heat Fab montasjeteknikk, og forutsatt at firma *Knutzen Montasje* er innforstått med sitt ansvar overfor lokale bygningsmyndigheter.

Kløfta, *21.02* 20*06*...

for VANGBO A/S

Knutzen Montasje

Husbyvollen 5 - 7074 Spongdal

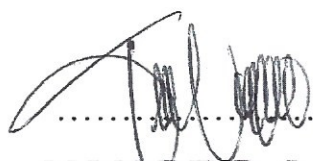
Mobil 900 77 460

for firma..... Org.nr: 987-599-758-MVA.....

adr: _____

postnr./adr: _____

tlf: *Kåre Røse Knutzen*



VANGBO A/S

Myrvangv. 2, NO-2040 Kløfta

TEL: (47) 63 98 12 20

FAX: (47) 63 99 04 65

E-post: vango@vango.no

VANGBO A/S, N-2040 Kløfta, tlf: 63 98 12 20

Denne godkjenning foreligger i 2 eksemplarer. Begge undertegnes av montør og returneres til VANGBO A/S, som undertegner og returnerer 1 eksemplar til

8.4