PRODUCT SHEET · TWIN-WALL FLUE SYSTEM

Double-wall stainless ID series

Insulated flue for indoor and outdoor use · 316L stainless inner wall · 25 mm insulation · ø80/130 to ø350/400

Ø80 - Ø350

EN

The system · pipe, elbow, cowl, terminal

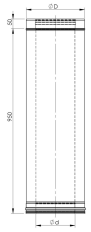


Technical data

Construction	**double-wall, insulated, modular**
Inner wall	**316L stainless steel (1.4404), 0.5 mm up to ø200, 0.6 mm from ø250**
Insulation and casing	**25 mm insulation, matt stainless outer casing**
Diameters inner/outer	**80/130 · 100/150 · 130/180 · 150/200 · 180/230 · 200/250 · 250/300 · 300/350 · 350/400 mm**
Connection	**socket and spigot with 50 mm insertion; seal and locking band supplied with each element**
Standard and CE	**EN 1856-1:2009 · DoP-DW25/03 · notified body 1397**

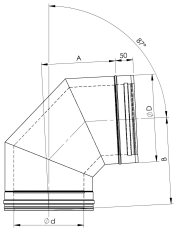
Dimensional sketches · dimensions in mm

Pipe 1 m



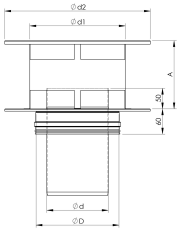
Ød inner, ØD = Ød + 50 mm, 50 mm insertion

Elbow 87°



A and B depend on the diameter

Draught cowl



A, Ød1 and Ød2 depend on the diameter

Components and item codes

Component · ø inner/outer	80/130	100/150	130/180	150/200	180/230	200/250	250/300	300/350	350/400
Pipe 25 cm	ID25080	ID25100	ID25130	ID25150	ID25180	ID25200	ID25250	ID25300	ID25350
Pipe 50 cm	ID50080	ID50100	ID50130	ID50150	ID50180	ID50200	ID50250	ID50300	ID50350
Pipe 1 m	ID100080	ID100100	ID100130	ID100150	ID100180	ID100200	ID100250	ID100300	ID100350
Elbow 15°	IDB1580	IDB15100	IDB15130	IDB15150	IDB15180	IDB15200	IDB15250	IDB15300	IDB15350
Elbow 30°	IDB3080	IDB30100	IDB30130	IDB30150	IDB30180	IDB30200	IDB30250	IDB30300	IDB30350
Elbow 45°	IDB4580	IDB45100	IDB45130	IDB45150	IDB45180	IDB45200	IDB45250	IDB45300	IDB45350
Elbow 87°	IDB8780	IDB87100	IDB87130	IDB87150	IDB87180	IDB87200	IDB87250	IDB87300	IDB87350
Male adapter	IDA080	IDA100	IDA130	IDA150	IDA180	IDA200	IDA250	IDA300	IDA350
Female adapter	IDAC080	IDAC100	IDAC130	IDAC150	IDAC180	IDAC200	IDAC250	IDAC300	IDAC350
Wall support element	IDAPO80	IDAPO100	IDAPO130	IDAPO150	IDAPO180	IDAPO200	IDAPO250	IDAPO300	IDAPO350
Base plate with side drain	IDAPU80	IDAPU100	IDAPU130	IDAPU150	IDAPU180	IDAPU200	IDAPU250	IDAPU300	IDAPU350
Flashing pitched roof 5-25°	IDDH080	IDDH100	IDDH130	IDDH150	IDDH180	IDDH200	IDDH250	IDDH300	IDDH350
Flashing flat roof 0-10°	IDDP080	IDDP100	IDDP130	IDDP150	IDDP180	IDDP200	IDDP250	IDDP300	IDDP350
Condensate and test element	IDEM80	IDEM100	IDEM130	IDEM150	IDEM180	IDEM200	IDEM250	IDEM300	IDEM350
Roof support	IDFQ080	IDFQ100	IDFQ130	IDFQ150	IDFQ180	IDFQ200	IDFQ250	IDFQ300	IDFQ350
Inspection element	IDI80	IDI100	IDI130	IDI150	IDI180	IDI200	IDI250	IDI300	IDI350
Draught cowl	-	IDK100	IDK130	IDK150	IDK180	IDK200	IDK250	IDK300	IDK350
Roof flashing 20-45°	IDLS080	IDLS100	IDLS130	IDLS150	IDLS180	IDLS200	IDLS250	IDLS300	IDLS350
Roof flashing 45-60°	IDLSE080	IDLSE100	IDLSE130	IDLSE150	IDLSE180	IDLSE200	IDLSE250	IDLSE300	IDLSE350
Conical terminal	IDMA080	IDMA100	IDMA130	IDMA150	IDMA180	IDMA200	IDMA250	IDMA300	IDMA350

Pipes, elbows and fittings come with a silicone seal and a locking band. The draught cowl starts at ø100.

Standard and designation · EN 1856-1

As stated in declaration of performance DoP-DW25/03, notified body 1397. G: soot-fire resistant, O: not soot-fire resistant. The number after it is the distance to combustible materials in mm.

Ø	with seal	without seal
80-200	T200-P1/H1-W-V2-L50050-O50	T600-N1-W-V2-L50050-G100
250-300	T200-P1/H1-W-V2-L50060-O50	T600-N1-W-V2-L50060-G100
350	T200-P1/H1-W-V2-L50060-O75	T600-N1-W-V2-L50060-G150

For other installations the DoP also gives G50, G60, G150 and T450.

Applications

- **Wood and coal**
  stoves, inset fireplaces, open fireplaces, outdoor fireplaces, barbecues and pizza ovens; without seal, T600 and soot-fire resistant
- **Gas, oil and pellets, condensing too**
  with seal, positive pressure, flue gases up to 200 °C (T200 P1/H1)
- **Indoors and outdoors**
  new build and renovation, also inside a casing or shaft

In doubt, for example with a pellet stove? The appliance manual decides. Ask us for A, B, Ød1 and Ød2 for your diameter.