

Direct flues Eco ICID

*Twin Wall Insulated System Chimney
designed for Stove Applications*


SCHIEDEL
RITE-VENT
directflues.co.uk

UPDATED RANGE

*includes new
Stove Pipe and
Accessories*



Eco ICID LIT SAPVersion 3 940002164 August 2015

Part of the BRAAS MONIER BUILDING GROUP

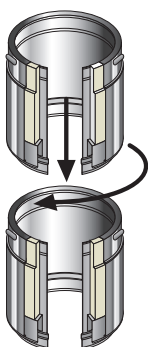
Product Description

Eco ICID is a Twin Wall Insulated System Chimney designed specifically for use on open or closed stoves with continuous operating temperatures of up to 450°C.

The system is designed so that the outer case is load bearing and the inner liner is free to expand independently, therefore thermal expansion is accommodated within each and every joint of the system.

Available in two versions with a choice of either a bright annealed or a matt black painted stainless steel outer case, Eco ICID is available in the following range of diameters:- 125, 150, 180 and 200mm.

Joint Design



- Twist-lock bayonet joining system. Secured by locking band.
- Advanced corrosion resistant design and construction uses laser welded 316L stainless steel inner liner and stainless steel case.
- The 25mm of high density rockwool insulation maintains flue gas temperature, maximising efficiency, improving flue draught on start up and minimising condensation.
- Low external case temperature.
- The inner liner is free to expand through the female collar; allowing for maximum thermal expansion even during a soot fire.
- The inner liner has an inward bead at the female end which acts as a capillary break preventing moisture being drawn through the joint.

Technical Data

Fuel	Wood, solid fuel
Firing Temp	450° C
Short Firing Temp	550° C
Thermal Shock	1000° C
Mode of Operation	Zero & negative pressure
Pressure Capabilities	40Pa
Fire Rating	4 Hour Fire Rating to BS 476 Part 20
Outer Case (Standard)	Stainless Steel
Outer Case (Option)	Painted matt black
Outer Case Thickness	0.5mm
Seam	Laser or inert gas welded
Liner	316L : 1.4404 : X2CrNiMo 17-12-2
Liner Thickness (mm)	0.5mm
Seam	Laser or inert gas welded
Insulation	High performance mineral fibre
Insulation Thickness	25mm
Average Thermal Resistance (200°C)	0.4m ² k/W

CORROSION RESISTANCE

Chimneys are subject to significant corrosion attack by flue gas condensates, particularly from solid fuel. Eco ICID is specifically designed and manufactured to resist this corrosion.

CHIMNEY DIAMETER

The chimney size should be as recommended by the appliance manufacturer. Where there is a requirement for a flue diameter smaller than the appliance spigot, then the operational requirements of the appliance and the configuration of the flue must satisfy the flue sizing requirements of EN13384-1 for single appliances, and EN13384-2 for multi appliances.

Approvals



Eco ICID is CE Certified to EN1856-1 TÜV 0036 CPD 9195 010 with designations:

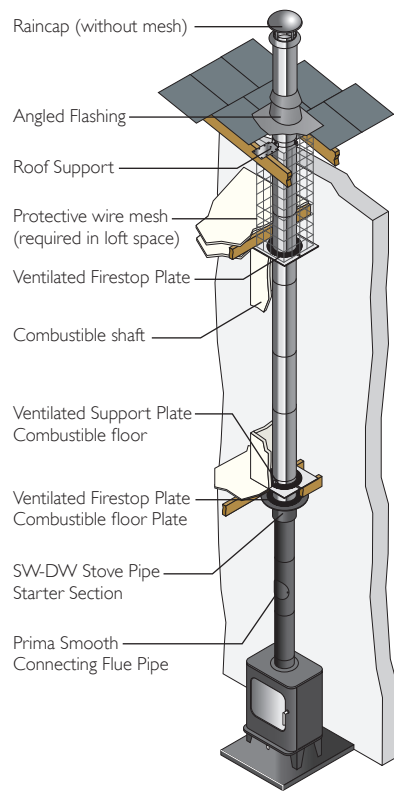
Eco ICID is CE Certified to EN1856-2 TÜV 0036 CPD 9195 042 with designations:

System Chimney EN 1856-1		Connecting Flue Pipe EN 1856-2
T450 NI WV2 L50050 G60 T450 NI DV3 L50050 G60 60mm Distance to combustibles in a combustible shaft*	T450 NI WV2 L50050 G50 T450 NI DV3 L50050 G50 50mm Distance to combustibles in a non combustible shaft or in free air*	T450 NI DV2 L50050 G100 M

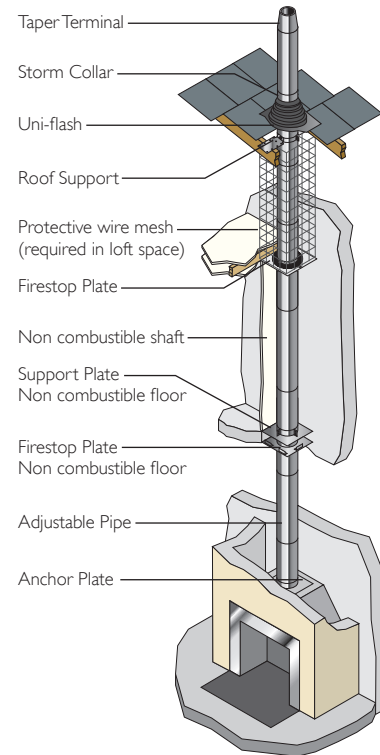
* For full information refer to p.16 and p.17

- Manufactured under a Quality Management Scheme approved to BS EN ISO 9001: 2008
- 4 Hour Fire Rating to BS476 Part 20
- Certified for corrosion resistance on gas, oil and solid fuel by Gastec, MPA and TÜV
- HETAS listed for use on solid fuel applications.

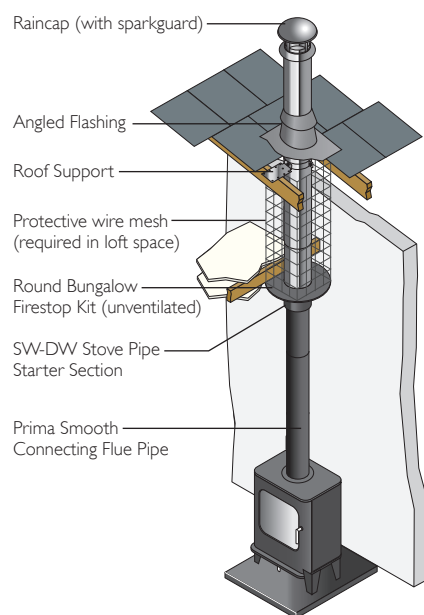
Typical Installations



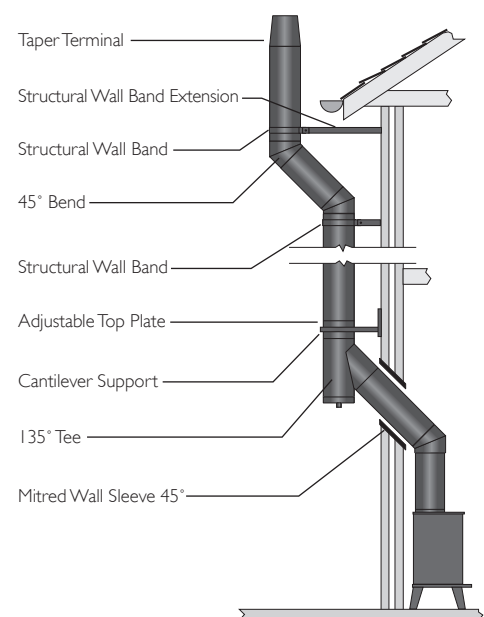
INTERNAL HOUSE
Combustible Floors



INTERNAL HOUSE
Non Combustible Floors



INTERNAL BUNGALOW
(VENTILATED LOFT SPACE)
Combustible and Non-Combustible floors



EXTERNAL
System Chimney

Dimensions

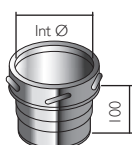
The dimensions of the flue are:

Int Ø mm	125	150	180	200
Ext Ø mm	180	200	235	256

Finish

Paint - Eco ICID can be supplied painted in any RAL colour (additional costs apply)

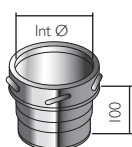
Starting Components



Appliance Connector (Open)

DN8A047

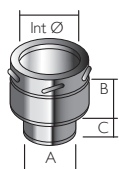
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125307	126082	126827	127410
SAP Code Black	125308	126079	126825	COA



Appliance Connector (Closed)

DN8A144

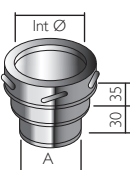
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125287	126060	126810	127393
SAP Code Black	125288	126059	COA	COA



Insulated Increasing Adaptor

DN8A136

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	98	123	148	178
B	98	113	113	113
C	49	52	52	52
SAP Code Plain	125305	126077	126824	127408
SAP Code Black	COA	126078	COA	COA

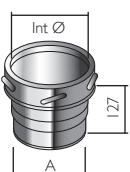


Uninsulated Increasing Adaptor

DN8A143

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	98	123	148	178
SAP Code Plain	125320	125321	COA	COA
SAP Code Black	COA	125319	COA	COA

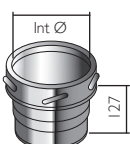
* used on appliances with rear outlet



Adaptor Prima Plus to Eco ICID

S027

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	130	150	180	200
SAP Code Plain	125688	126278	126967	127575

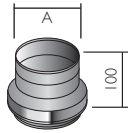


Adaptor Prima Smooth to Eco ICID

PS027

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	109992	110270	126981	127588
SAP Code Black	109991	110268	126980	127587

COA : Code on application



Adaptor Eco ICID to Prima Plus

DN8A133

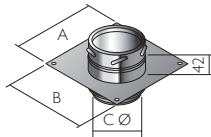
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	130	150	180	200
SAP Code Plain	125292	126062	126813	127396



Adaptor Eco ICID to TecnoFlex Plus

DN8A079

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125354	126132	126860	127443



Anchor Plate

DN8A0D6

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	300	320	355	375
B	280	300	335	356
C	123	148	178	198
SAP Code Plain	125300	126072	126774	127344



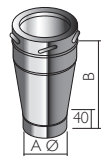
SW-DW Stove Pipe Starter Section (Long)

DN8A152

Increasing SW-DW Stove Pipe Starter Section (Long)*

DN8A153

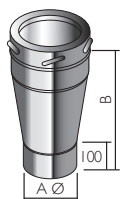
Int Ømm	125	125*	150	180	200
Ext Ømm	180	200	200	235	256
A	123	123	148	178	198
B	973	1018	973	973	973
SAP Code Plain	125344	125345	126124	126854	127439
SAP Code Black	125347	125348	126125	126855	COA



SW-DW Stove Pipe Starter Section (Short)

DN8A149

Int Ømm	125	150
Ext Ømm	180	200
A	123	148
B	473	473
SAP Code Plain	125349	126126
SAP Code Black	125346	126123



SW-DW Adjustable Starter Section

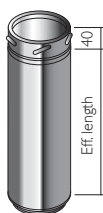
DN8A159

Increasing SW-DW Adjustable Starter Section*

DN8A161

Int Ømm	125	125*	150	180	200
Ext Ømm	180	200	200	235	256
A	123	123	148	178	198
B	352	434	352	352	352
SAP Code Plain	125340	126096	126118	126850	127435
SAP Code Black	125339	131148	126117	126849	127434

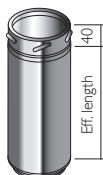
Pipes



1460mm Effective Length

DN8A128

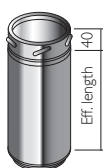
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125253	126019	-	-
SAP Code Black	125251	126017	-	-



960mm Effective Length

DN8A001

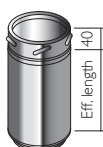
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125285	126058	126808	127392
SAP Code Black	125286	126056	126809	127388



750mm Effective Length

DN8A157

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125273	126045	126797	127380
SAP Code Black	125274	126046	126798	127379



460mm Effective Length

DN8A002

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125269	126039	126793	127376
SAP Code Black	125270	126037	126794	127372



293mm Effective Length

DN8A003

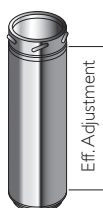
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125261	126030	126786	127362
SAP Code Black	125262	126028	COA	127358



160mm Effective Length

DN8A004

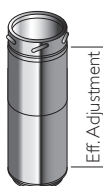
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125258	126025	126784	127357
SAP Code Black	125259	126023	COA	COA



Adjustable Pipe 50-230mm

1 Piece - DN8A009

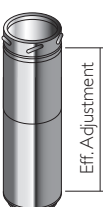
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125298	126071	126819	127402
SAP Code Black	125294	126064	126815	COA



Telescopic Pipe 215-310mm

2 Piece - DN8A151

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125295	126066	126816	127399
SAP Code Black	COA	126068	COA	COA



Telescopic Pipe 350-570mm

2 Piece - DN8A150

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125297	126069	126818	127401
SAP Code Black	COA	126065	COA	127398

COA : Code on application

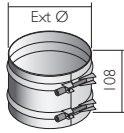


Locking Band

DN8A083

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125330	126106	126842	127426
SAP Code Black	125331	126107	COA	COA

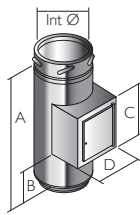
Supplied as standard with all components with a female collar



Structural Locking Band

DN8A092

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	125317	126092	126835	127419
SAP Code Black	125318	126093	COA	COA

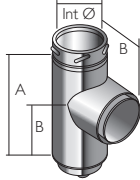


Inspection Length

DN8A011

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	460	460	460	460
B	95	95	95	95
C	260	260	260	260
D	230	230	230	230
SAP Code Plain	125323	126099	126837	127421
SAP Code Black	COA	126097	COA	COA

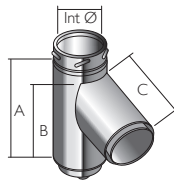
Tees



90° Tee including Tee Cap

DN8A135

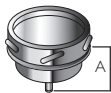
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	246	329	354	394
B	127	162	175	195
SAP Code Plain	125282	126054	126805	127387
SAP Code Black	125283	126055	COA	COA



135° Tee including Tee Cap

DN8A137

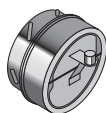
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	336	365	414	444
B	259	283	326	351
C	259	283	326	351
SAP Code Plain	125249	126015	126777	127347
SAP Code Black	125250	126016	COA	131796



Tee Plug with Drain

DN8A138

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	75	77	73	78
SAP Code Plain	125312	126088	126831	127415
SAP Code Black	COA	126089	COA	COA



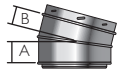
Draught Stabiliser Section

DN8A026

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	COA	COA	126833	127417
SAP Code Black	COA	COA	COA	COA

COA : Code on application

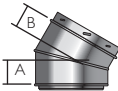
Bends



15° Bend

DN8A018

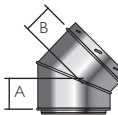
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	63	63	63	64
B	55	56	56	57
SAP Code Plain	125256	126022	126782	127353
SAP Code Black	125254	126020	COA	COA



30° Bend

DN8A019

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	66	70	73	77
B	57	61	64	68
SAP Code Plain	125264	126033	126788	127366
SAP Code Black	COA	126031	COA	COA



45° Bend

DN8A017

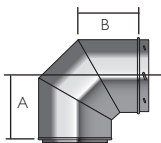
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	79	83	91	95
B	70	74	82	86
SAP Code Plain	125267	126036	126791	127371
SAP Code Black	125265	126034	126789	127367



Structural Locking Band for Bends

DN8A155

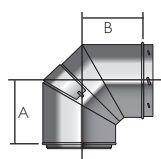
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	56	56	56	56
SAP Code Plain	125342	126120	126852	127437
SAP Code Black	125341	126119	126851	127436



90° Bend

DN8A015

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	146	156	174	184
B	137	147	165	175
SAP Code Plain	125277	126049	126800	127382
SAP Code Black	125275	126047	COA	COA



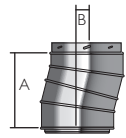
90° Inspection Bend

DN8A0A2

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	184	194	209	219
B	139	149	164	174
SAP Code Plain	125280	126052	126803	127385
SAP Code Black	COA	COA	COA	COA

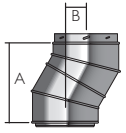
COA : Code on application

Offsets (made by assembling 2 bends)



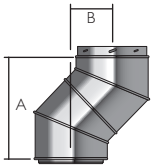
15° Offset

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	232	234	234	238
B	31	31	31	31



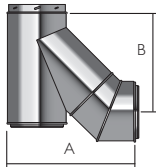
30° Offset

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	230	244	256	271
B	62	66	69	73



45° Offset

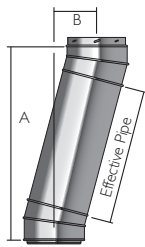
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	254	268	295	309
B	105	111	122	128



Offsets for 135° Tee and 45° Bend

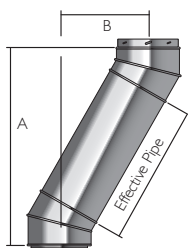
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	389	425	497	532
B	310	334	376	402

Typical Offsets (made by assembling 2 bends and a standard pipe section)



15° Bend offset with Standard Pipe Length

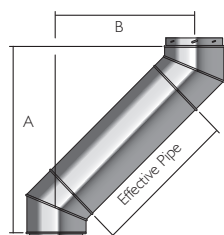
Int Ømm		125	150	180	200
Ext Ømm		180	200	235	256
1460	A	1642	1644	1644	1648
Effective Pipe	B	408	409	409	409
960	A	1159	1161	1161	1165
Effective Pipe	B	279	279	279	280
750	A	956	958	958	962
Effective Pipe	B	225	225	225	225
460	A	676	678	678	682
Effective Pipe	B	150	150	150	150
293	A	515	517	517	521
Effective Pipe	B	106	107	107	107
160	A	387	388	388	392
Effective Pipe	B	72	72	72	73



30° Bend offset with Standard Pipe Length

Int Ømm		125	150	180	200
Ext Ømm		180	200	235	256
1460	A	1494	1509	1520	1535
Effective Pipe	B	792	796	799	803
960	A	1061	1076	1087	1102
Effective Pipe	B	542	546	549	553
750	A	879	894	905	920
Effective Pipe	B	437	441	444	448
460	A	628	643	654	669
Effective Pipe	B	292	296	299	303
293	A	483	498	509	524
Effective Pipe	B	208	212	215	219
160	A	368	383	394	409
Effective Pipe	B	142	146	149	153

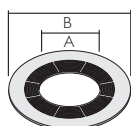
Tees (contd.)



45° Bend offset with Standard Pipe Length

Int Ømm		125	150	180	200
Ext Ømm		180	200	235	256
1460	A	1287	1300	1328	1341
Effective Pipe	B	1138	1143	1151	1160
960	A	933	947	974	988
Effective Pipe	B	784	790	801	807
750	A	785	798	826	839
Effective Pipe	B	636	641	653	658
460	A	580	593	621	634
Effective Pipe	B	431	436	448	453
293	A	462	475	503	516
Effective Pipe	B	313	318	330	335
160	A	367	381	408	422
Effective Pipe	B	218	224	235	241

Firestop Components

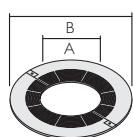


Round Ventilated Firestop Plate
- Combustible Floor

1 Piece - 9423*

Int Ømm	125	150	180	200
Ext Ø	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	126661	127227	128117	128601
SAP Code Black	126659	127225	128115	128599
SAP Code White	126660	127226	128116	128600

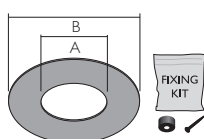
** One piece firestop available for use exclusively with stove starter pipe



Round Ventilated Firestop Plate
- Combustible Floor

2 Piece - 9424*

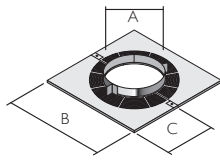
Int Ømm	125	150	180	200
Ext Ø	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	126664	127230	128120	128604
SAP Code Black	126662	127228	128118	128602
SAP Code White	126663	127229	128119	128603



Magnetic Firestop Cover Plate Kit

9509

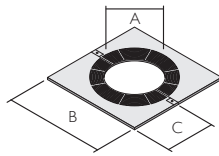
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	126945	127552	128127	128611
SAP Code Black	126946	127553	128128	128612
SAP Code White	126947	127554	128129	128613



Ventilated Support Plate - Combustible Floor

2 Piece - 95260

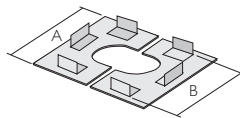
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	183	203	241	259
B	380	400	430	450
C	190	200	215	225
SAP Code Plain	126667	127234	128124	128607



Rectangular Ventilated Firestop Plate - Combustible Floor

2 Piece - 94250

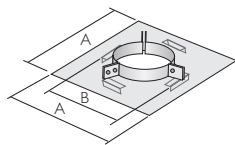
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	183	203	241	259
B	380	400	430	450
C	190	200	215	225
SAP Code Plain	126666	127232	128122	128606



Firestop Plate - Non Combustible Floor

94670

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	450	450	450	610
B	280	300	338	356
SAP Code Plain	126624	127200	128099	128584



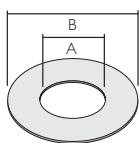
Support Plate - Non Combustible Floor

95680

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	330	350	450	406
B	280	300	338	356
SAP Code Plain	126646	127210	128107	128591

Bungalow Firestop Kits

All Unventilated Bungalow Firestop Kits may only be used on a combustible ceiling in a bungalow where there is a minimum 60mm distance to combustibles where the chimney penetrates the ceiling area and where the roof space above the ceiling is open and ventilated. Within the roof space, a protective wire mesh framework must be built around the chimney to ensure the minimum 60mm distance to combustibles is maintained.



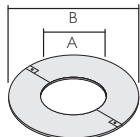
Bungalow Round Firestop Plate - Unventilated

1 Piece - 9428*

Int Ømm	125	150	180	200
Ext Ø	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	126526	127108	128084	128571
SAP Code Black	126528	127110	128086	128572
SAP Code White	126529	127111	128087	128573

Bungalow Firestop Kits (contd.)

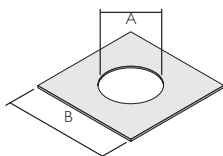
N.B. See comment on p.11 re use of Bungalow Firestop Kits



Bungalow Round Firestop Plate
- Unventilated

2 Piece - 9429*

Int Ømm	125	150	180	200
Ext Ø	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	126527	127109	128085	131123
SAP Code Black	131122	127106	COA	COA
SAP Code White	COA	127107	COA	COA

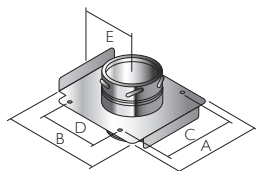


Bungalow Square Firestop Plate
- Unventilated

1 Piece - 9430*

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	183	203	241	259
B	380	400	430	450
SAP Code Plain	127015	127619	COA	COA
SAP Code Black	127016	127620	COA	COA
SAP Code White	COA	COA	COA	128614

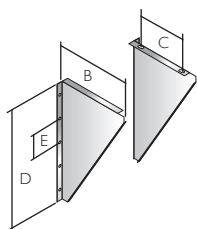
Support Components



Top Plate

DN8A0D3

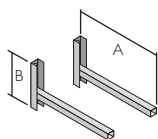
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	276	296	334	352
B	280	300	335	356
C	240	260	298	316
D	160	180	210	230
E	140	150	168	178
SAP Code Plain	125140	125833	126572	127151
SAP Code Black	COA	125834	COA	COA



Wall Support Side Plates

DN8A0D2

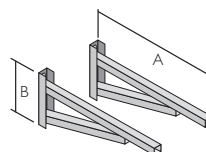
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
B	275	295	325	345
C	160	180	210	230
D	470	470	470	470
E	100	100	100	100
SAP Code Plain	125357	126136	126862	127445
SAP Code Black	125355	126133	COA	COA



Cantilever Support
Type 325 - 95420001
Type 475 - 95420002

Type	325	475
Int Ømm Range	125 - 150	125 - 200
A	325	475
B	242	242
SAP Code Plain	101742	101743
SAP Code Black	130686	130687

Used in combination with Adjustable Top Plate.

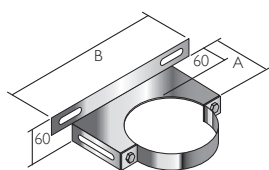


Cantilever Support
Type 570 - 95420003

Type	570
Int Ømm Range	125 - 200
A	570
B	330
SAP Code Plain	101744
SAP Code Black	130688

Used in combination with Adjustable Top Plate.

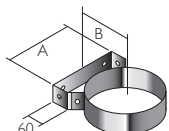
COA : Code on application



Retrofit Wall Band

95600

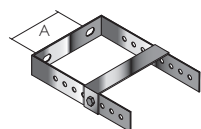
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	151	161	180	189
B	330	350	388	406
SAP Code Plain	126657	127223	128113	128597
SAP Code Black	126658	127224	128114	128598



Wall Band (60mm)

92930

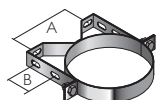
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	180	200	238	256
B	140	150	168	178
SAP Code Plain	126648	127213	128110	128594
SAP Code Black	126620	127196	128095	128580



Adjustable Back Bracket for Wall Band 60-300mm

95950

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	112	132	162	186
SAP Code Plain	126623	127199	128098	128583
SAP Code Black	126622	127198	128097	128582

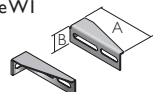


Structural Wall Band (50mm)

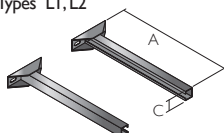
95430

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	150	170	200	220
B	55	55	55	55
SAP Code Plain	101265	101266	128112	128596
SAP Code Black	126654	127218	COA	COA

Type W1



Types L1, L2



Structural and Retrofit Wall Band Extensions

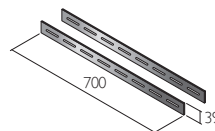
W1 - 95440001
L1 - 95440004
L2 - 95440005

Type	W1	L1	L2
Adj.	55 - 100	100 - 250	100 - 440
A	130	300	450
B	36	-	-
C	-	32	32
SAP Code Plain	101735	101738	101739
SAP Code Black	130824	130825	130826

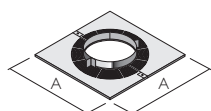
Ceiling Joist Support Arms (Pair)

9459001

Type	570
Int Ømm Range	125 - 200
A	39
B	700
SAP Code Plain	130694



Used in combination with
Ceiling Joist Support.



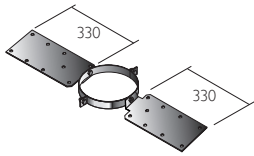
Ceiling Joist Support

94590

Int Ømm	125	150	180	200
Ext Ømm	180	200	238	256
A	321	341	379	397
SAP Code Plain	126669	127238	128125	128609

COA : Code on application

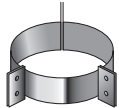
Support Components (contd.)



Roof Support

94640

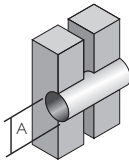
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	100962	100963	128126	128610



Guy Wire Bracket

95900

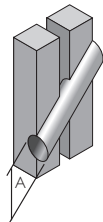
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	100641	100642	128101	128586
SAP Code Black	131808	127202	COA	COA



Wall Sleeve 90°

Masonry - 94980
Timber Frame - 94810

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A Masonry	230	250	288	306
A Timber F	300	320	358	376
SAP Code Masonry	126642	127206	COA	COA
SAP Code Timber F	126647	127212	128108	128592

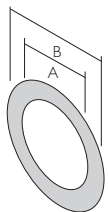


Wall Sleeve 45°

Masonry - 94620
Timber Frame - 94910

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A Masonry	230	250	288	306
A Timber F	300	320	358	376
SAP Code Masonry	126641	127205	128102	128587
SAP Code Timber F	126643	127207	128103	128588

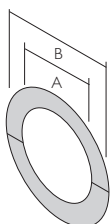
Supplied as a 1m long mitred tube to be cut to length on site



1 Piece Trim Collar 90°

9580*

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	184	204	242	260
B	330	350	388	406
SAP Code Plain	127038	127642	128133	128618
SAP Code Black	127039	127643	128134	128619

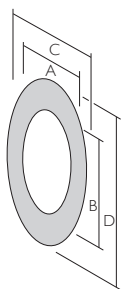


2 Piece Trim Collar 90°

9599*

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	184	204	242	260
B	330	350	388	406
SAP Code Plain	127040	127644	COA	COA
SAP Code Black	127041	127645	COA	COA

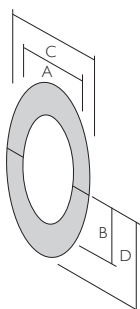
COA : Code on application



1 Piece Trim Collar 45°

9589*

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	184	204	242	260
B	259	287	341	366
C	330	350	388	406
D	454	483	536	562
SAP Code Plain	126612	127186	128089	128575
SAP Code Black	126613	127187	128090	128576
SAP Code White	126614	127188	128091	128577

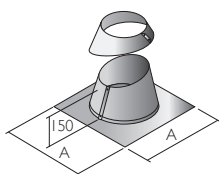


2 Piece Trim Collar 45°

9579*

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	184	204	242	260
B	130	144	171	183
C	330	350	388	406
D	227	242	268	281
SAP Code Plain	127035	127639	128130	128615
SAP Code Black	127036	127640	128131	128616
SAP Code White	127037	127641	128132	128617

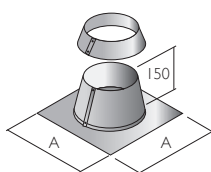
Flashings



Angled Flashing Kit 5° - 45°

95510

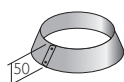
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	610	700	700	800
SAP Code Plain	126621	127197	128088	128574
SAP Code Black	COA	130662	COA	COA



Flat Flashing Kit

95530

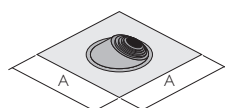
Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	610	610	610	610
SAP Code Plain	126625	127201	128100	128585
SAP Code Black	COA	131807	COA	COA



Storm Collar

95560

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
SAP Code Plain	106140	106141	128106	128590
SAP Code Black	126645	127209	128105	COA



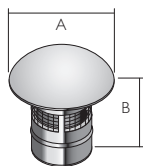
Uniflash

Product Code	94540001	94540002	94540003
Ext Ømm	80 - 100	150 - 300	250 - 450
A	500	685	800
SAP Code	112198	112197	114341

Universal EPDM rubber/aluminium flashing. Just pull the required diameter tab on the rubber seal.

COA : Code on application

Terminals



Raincap

with 10mm sparkguard DN8A145

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	266	266	362	362
B	90	90	217	220
SAP Code Plain	125336	126112	126846	127430
SAP Code Black	COA	COA	COA	COA

Raincap

with 25mm anti-bird mesh DN8A140

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	266	266	362	362
B	90	90	217	220
SAP Code Plain	125337	126113	126847	127431
SAP Code Black	125335	126115	126845	127432

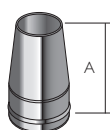
Raincap

without mesh DN8A142

Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	266	266	362	362
B	90	90	217	220
SAP Code Plain	125144	125837	126574	127153
SAP Code Black	125145	125839	126575	COA

Insulated Tapered Terminal

DN8A038

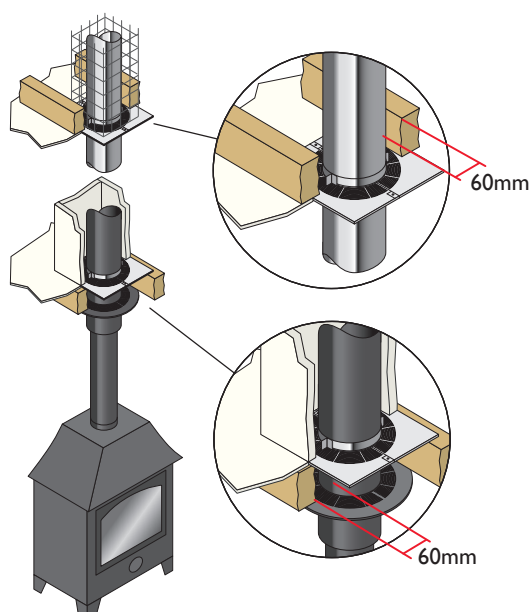


Int Ømm	125	150	180	200
Ext Ømm	180	200	235	256
A	200	200	204	240
SAP Code Plain	125351	126130	126857	127441
SAP Code Black	125352	126129	126858	COA

COA : Code on application

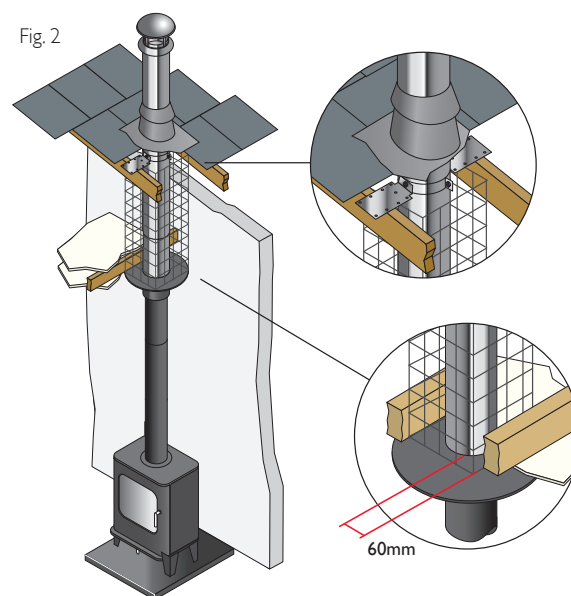
Distance to Combustibles (see p.17)

Fig. 1



INTERNAL HOUSE
Combustible Floors

Fig. 2



INTERNAL BUNGALOW
(VENTILATED LOFT SPACE)
Combustible and Non-Combustible Floors

Installation

These notes should be read in conjunction with the detailed Eco ICID Installation Instructions.

MANDATORY REQUIREMENTS

Connection to an appliance that is connected to the fuel supply must be carried out by a GAS SAFE (gas) or OFTEC (oil) registered installer. We recommend the use of HETAS approved installers for solid fuel applications. For full design and installation details the key referral documents are:

- BS EN 1856-1: Chimneys - System Chimney Products
 - BS EN 1859: Metal Chimneys - Testing Methods
 - BS EN 1443: Chimneys - General Requirements
 - BS EN 15287-1: Chimneys. Design, installation and commissioning of chimneys. Chimneys for non-roomsealed heating appliances.
 - BS 5440-1: Fluing and ventilation for gas appliances of rated input not exceeding 70kW net (1st, 2nd and 3rd family gases) Specification for installation of gas appliances to chimneys and for maintenance of chimneys.
 - Approved Document J: - Combustion appliances and fuel storage systems (England & Wales)
 - DFP Technical Booklet L: - Combustion appliances and fuel storage systems (NI)
 - Technical Handbook (Domestic & Non Domestic), Section 3 - Environment (Scotland)
 - Appliance Installation Instructions and related standards.
- Other standards covering specific applications will also be relevant and must be adhered to.

Planning permission may be required, and reference should be made to the local Building Control Department.

ENCLOSURE/SHAFTS

With the exception of the room containing the appliance, where the chimney passes through any part of the building, where there is a risk of accidental human contact, i.e. a bedroom etc., or where there is a risk of contact with combustible materials stored in a cupboard or in the roof-space, the chimney must be enclosed in an appropriate way to meet Building Regulations. This can be achieved by boxing in the chimney in habitable rooms, or by the use of a protective wire mesh frame in roof spaces etc. In all cases the minimum distance to any combustible material, including loft insulation, must be respected according to the table on p.2, and any enclosure should be ventilated using the appropriate ventilated fire stops (see p.7).

DISTANCE TO COMBUSTIBLES

In accordance with building regulations it is essential that the correct distance to combustible material is maintained. On solid fuel applications, where there is a risk of soot fire, a distance of 60mm to combustibles must be maintained within a combustible floor and within a combustible shaft (see Fig. 1 p.16). There is no need to line the area within the floor cavity with plasterboard; however the ventilated fire stop plate and ventilated support plate must be used.*

On gas and oil applications, a distance of 50mm to combustibles must be maintained within a combustible floor and within a combustible shaft. The ventilated fire stop plate and ventilated support plate must be used.*

Where the chimney penetrates a non combustible floor and where a non combustible shaft is used, a distance of 50mm to the shaft is sufficient. In this case, non ventilated fire stops and non ventilated support plates may be used at first floor level with a ventilated fire stop being used where the chimney penetrates into the roof space.*

*On bungalow applications where the chimney runs through either a combustible or non-combustible ceiling, an unventilated bungalow fire stop plate kit can be used. Please note that an unventilated support plate can not be used above the ceiling in this case. The weight of the chimney should be supported using the roof support (see p.14). Distance to combustibles must be respected within the ceiling space (see Fig. 2 p.16) and mesh frame should be used within the loft space, which must be ventilated (see Fig. 2 p.16).

JOINTING SYSTEM

All joints in the Eco ICID chimney range, which require a locking band, are made by means of a simple twist lock jointing method. This is achieved by pushing together the male and female collars on each end of the main chimney components and twisting the components through 1/6 of a turn to lock the collars into place. It should be noted that the female collars on elbows and tees are not fluted in order to allow for these items to be positioned according to requirements on site. In all cases the joints should be held securely in place using the locking band, which is supplied with all components with a female collar. Joints are not permitted within wall and ceiling spaces. Any flue pipe (i.e. single wall) connection to the chimney must be made in the same room as the appliance. The chimney must project at least 425mm below the ceiling. Where a chimney passes through a wall, a wall sleeve must be used to prevent damage to the chimney and the building.

CONNECTION TO APPLIANCE

Use the appropriate appliance connector; sealing with fire rope and fire cement or high temperature sealant on solid fuel. The length of the inner liner can be trimmed where required to allow for thermal expansion within the appliance outlet spigot.

APPLIANCE REMOVAL

Use of an adjustable length immediately above the appliance enables removal of the appliance later without dismantling the full system.

INSPECTION

To conform to Building Regulations, provisions should be made to enable a chimney to be inspected and cleaned. An inspection length or an insulated 90° or 135° Tee can form a suitable inspection point. To aid cleaning, sufficient distance should be left between changes of direction to permit the safe passage of cleaning brushes within the system. This is particularly important on solid fuel applications. It is recommended that chimneys serving solid fuel appliances be swept as frequently as necessary, but at least twice a year.

CHIMNEY DIAMETER

The chimney size should be as recommended by the appliance manufacturer and must satisfy the flue sizing requirements of EN13384-1 for single appliances, and EN13384-2 for multi appliances.

CHIMNEY ROUTE

The chimney should remain as straight as possible through its vertical run to assist flow. Should it be necessary to offset a chimney run then the following guidelines should be adhered to: It is recommended that a vertical run of at least 600mm should be allowed immediately above the appliance prior to any change of direction. Within a system, on all fuels, there should be no more than 4 changes of direction of maximum 45°. 90° Factory made bends or tees within the system may be treated as being equal to two 45° bends (as per Document J of the Building Regulations issued October 2010).

For a direct link to the Eco ICID Installation Instructions scan the QR code.



Scan QR code to download the Schiedel Installation App incorporating Product Warranty Registration function.

