

Isokern Pumice

System chimneys & liners designed for woodburning stoves to reduce the reliance on gas central heating.



Pumice – naturally better

Pumice is a natural insulator. This is the unique property that separates pumice from all other chimney materials.

The insulating properties of Pumice allow the flue gases in the chimney to quickly reach their optimum temperature enabling the heating appliance to reach its optimum performance shortly after lighting.

It also keeps the chimney warmer longer as the heat output of the appliance decreases – once again aiding performance and reducing the likelihood of condensation and soot build-up.



Pumice: is an excellent insulator, keeping flue gases warm while not transmitting heat to the outside.

The natural properties of pumice

Resistant to temperature change

Pumice has very little expansion and contraction with temperature change. This reduces the possibility of cracking and structural damage that can occur with other products.

High Insulation Properties

Pumice is a natural insulator, able to maintain the temperature of flue gases when other products have allowed the temperature to fall below the dew point.

Lightweight

Pumice is strong yet lightweight allowing one person to lift and build the chimney units.



Pumice is a natural material sourced from the Hekla Volcano in Iceland.



Pumice is strong, yet lightweight and comes in easy building blocks.

Product Description

Schiedel Isokern products can be used for new chimneys and for the refurbishment of existing chimneys. The Isokern chimney systems provide a lightweight, easily installed and versatile chimney which can be used internally or externally.

The systems are suitable for use with burning appliances in new and refurbished projects. They are ideal for Masonry, Timber Frame and Steel Frame construction. Isokern chimneys have been installed in Europe for over 60 years.

DM (DOUBLE MODULE)

Schiedel Isokern DM block system is a high quality System Chimney. The double wall system maintains flue gas temperatures while preventing heat transference to the outer casing. The separation of the inner and outer components also allows for thermal movement, reducing the risk of cracking and subsequent leaking or staining. It is simple and quick to build. The DM is available in 3 outer casing sizes - DM36, DM44 & DM54.



FLUE LINERS

The Schiedel Isokern flue liner range consists of over 15 different sizes. They can be used for newbuild, extensions and relining existing chimneys.



FIRECHESTS

The Schiedel Isokern range of firechests are supplied as flat packs. They can be easily and quickly constructed to produce a neat and preformed fire opening ready for finishing. The Magnum Firechest provides the opportunity to create fire openings up to 1.2m wide.



GARDEN FIREPLACE RANGE

The natural pumice gives this outdoor fireplace all the insulation needed to have a safe and spectacular focal point of any garden. The relatively small footprint also means that this can be placed against any wall in even the tiniest of gardens or yards.



DM Double Module Chimney System

When the ease of construction and maximum insulation matter then the Double Module System comes into its own. The system is designed to be quick and easy to install.

The lightweight blocks are easy to handle. The outer and inner blocks are laid at the same time but with staggered joints for safety and stability. The double layer of pumice blocks separated by an air gap maximises the chimney insulation.

The Pumice Systems are suitable for wood burning, solid fuel, oil and gas (not condensing appliances including Biomass & Pellets).

There are 3 systems covering a range of different internal diameters to meet the requirements of different appliances and uses:



DM 36

150mm internal diameter for smaller output inserts, stoves and solid fuel/oil cookers

DM 44

180mm and 200mm internal diameters for inserts, stoves and open fires

DM 54

300mm and 345mm internal diameters for Magnum firechests and larger appliances, inserts and open fires

Unique features of the Isokern DM Chimney System

- Zero distance to combustibles on straight rendered chimneys
- Quick and easy to assemble
- Lightweight materials, easy to handle
- Highly insulating pumice for better draw and minimum heat loss
- Staggered joints for maximum safety and stability
- Air gaps between outer casing and flue prevents surface staining
- Good resistance to temperature variations gives the maximum performance for your appliance



Approvals

Isokern Pumice Double Module DM is CE Certified to EN1858 TÜV Cert no. 0036 CPR 90219 001 Isokern Pumice Chimney Liner is CE certified to EN1857 TÜV Cert no. 0036 CPR 90219 002 Isokern Magnum Firechest has been tested at the Fraunhofer Institut, Stuttgart, Cert no. P8-094/2006

CE Des	ignation
Double Module DM System Chimney* T450 N1 D 3 G(00) T600 N1 D 3 G(50)	Pumice Chimney Liner T600 N2 D 3 G



^{*} Zero distance to combustibles on straight chimney systems with ventilated terminal. 38mm distance to combustibles on offset systems, and non ventilated systems.

DM 36 – for smaller output inserts, stoves and cookers

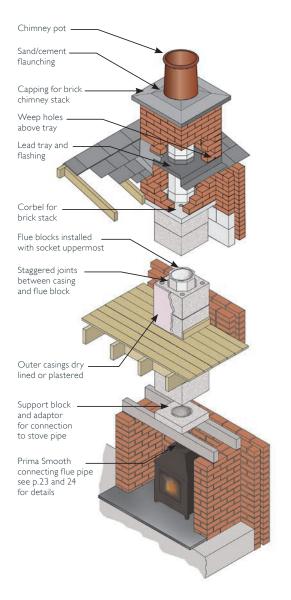
Available in Ø150mm internal diameter only.

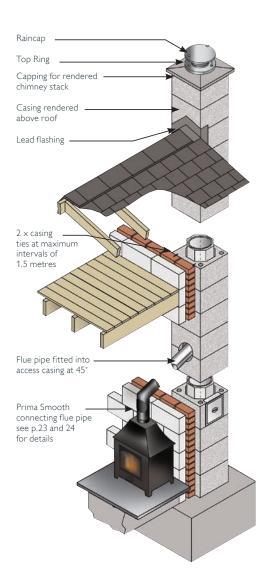


FREE STANDING STOVE IN A RECESS

System includes a Stainless Steel adaptor for ease of connection between the stove and the DM Chimney.

FREE STANDING STOVE WITH EXTERNAL CHIMNEY AND PREFORMED FLUE ENTRY





DOWNLOADABLE DRAWINGS AVAILABLE FROM OUR WEB SITE WWW.SCHIEDEL.COM/UK

DM 36 – for smaller output inserts, stoves and cookers

	SAP Code All dimensions ar	Description re external unless otherwise stated	Weight (kg)
and the same of th	130714	360mm square casing 250mm high	15
5	130712	360mm square access casing 250mm high (150mm i/d access hole)	13
	130713	360mm square casing & soot door 250mm high	18
	130709	DM36 45° flue entry kit (four parts) 500mm high	42
	126363	150mm i/d 255 × 255 starter flue block 125mm high	4
SOCIETY	126369	150mm i/d 255×255 flue block 250mm high	8
00	126368	150mm i/d 255x255 access flue block 500mm high (177mm i/d access hole)	16
ISOKERN	130715	570mm square corbel for brickwork 75mm high	32
0	130710 130711	490mm square capping - render 690mm square capping - brickwork	13 31
0	126378	150mm i/d 360×435 offset block (86mm, 30° offset) 150mm high (allow 38mm distance to combustibles on offset chimneys)	25
6	130716	150mm i/d 360 square support block 100mm high	15
	126373	150mm i/d (205mm o/d) stainless steel adaptor	
	126357	125-150mm i/d (205mm o/d) stainless steel decreaser adaptor	
	130732	Raincap (with fixing rods for top ring)	
	135070	Top Ring (for ventilation)	

DM 44 – for inserts, stoves and small open fires

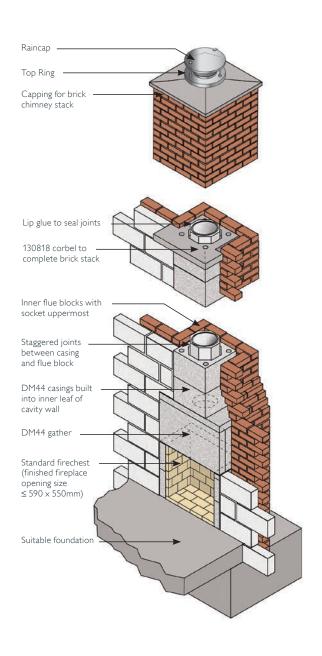
Available in internal diameters Ø180mm and Ø200mm. Both inner liners fit into the same external block size.



INSET FIRE

Capping for rendered chimney stack Casings rendered above roof Lead flashing -All joints sealed with lip glue DM casings can be . finished with plaster Support block and adaptor for connection to flue pipe Prima Smooth connecting flue pipe see p.23 and 24 for details Glass fronted inset fire

OPEN FIRE USING STANDARD FIRECHEST



DM 44 – for inserts, stoves and small open fires

	SAP Code All dimensions ar	Description re external unless otherwise stated	(kg)
securew	130727	440mm square casing 300mm high	30
10	130725	440mm square access casing 300mm high (220mm i/d access hole)	29
	130726	440mm square casing & soot door 300mm high	36
	130719 130722	440mm 180mm i/d 45° flue pipe entry kit (4 parts) 600mm high 440mm 200mm i/d 45° flue pipe entry kit (4 parts) 600mm high	86 84
0	130720 127684	180mm i/d 310 \times 310 starter flue block 150mm high 200mm i/d 310 \times 310 starter flue block 150mm high	8 7
ISOGEN	127068 127683	180mm i/d 310 \times 310 flue block 300mm high 200mm i/d 310 \times 310 flue block 300mm high	15 14
00	130717 127682	180mm i/d flue 310 \times 310 access block 600mm high 200mm i/d flue 310 \times 310 access block 600mm high	28 26
ISOKERN	130728 130235	650mm square corbel for brickwork 75mm high 650 x 560mm offset corbel for brickwork 75mm high	40 34
ISONERN	130818	740mm T corbel for external brickwork 75mm high	47
0	130723 130724	570mm square capping for render 820mm square capping for brickwork	18 44
	135082 130718 127686 127687	180mm i/d 440 \times 500 offset block (56mm, 30° offset) 100mm high 180mm i/d 440 \times 500 offset block (86mm, 30° offset) 150mm high 200mm i/d 440 \times 500 offset block (56mm, 30° offset) 100mm high 200mm i/d 440 \times 500 offset block (86mm, 30° offset) 150mm high (Allow 38mm distance to combustibles on offset chimneys)	22 32 20 30
6	130721 130730	180mm i/d 440mm square support block 100mm high 200mm i/d 440mm square support block 100mm high	22 20
	127691	200mm i/d (255mm o/d) stainless steel adaptor	
	127671 127672	150-200mm i/d (255mm o/d) stainless steel decreaser adaptor 175-200mm i/d (255mm o/d) stainless steel decreaser adaptor	
	130732	Raincap (with fixing rods for top ring)	
	130675	Top Ring (for ventilation)	

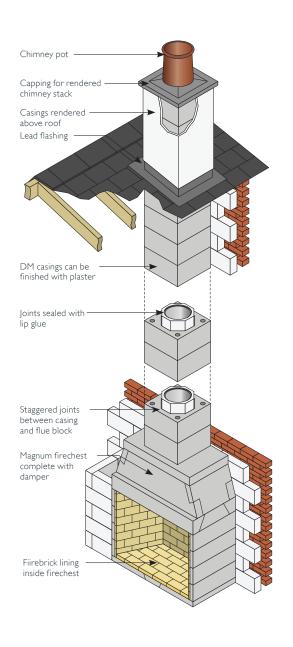
Weight

DM 54 – for larger open fires and appliances

Available in internal diameters Ø300mm and Ø345mm. Both inner liners fit into the same external block size.



LARGE FIRE OPENING CREATED WITH MAGNUM FIRECHEST







DM 54 – for larger open fires and appliances



SAP Code All dimensions are ext	Description ternal unless otherwise stated	Weight (kg)
130708	545mm square casing 300mm high	40
129031 129093	300mm i/d 420 \times 420 starter flue block 150mm high 345mm i/d 420 \times 420 starter flue block 150mm high	11 11
129033 129094	300mm i/d 420 \times 420 flue block 300mm high 345mm i/d 420 \times 420 flue block 300mm high	22 22
130735	800mm square corbel for brickwork 75mm high	57
130733 130734	670mm square capping for render 950mm square capping for brickwork	20 46
129038 129092	300mm i/d 545×635 offset block (86mm, 30° offset) 150mm high 345mm i/d 545×635 offset block (86mm, 30° offset) 150mm high (allow 38mm distance to combustibles on offset chimneys)	44 40
129043	300mm i/d 545mm square support block 100mm high	30
129039	300mm i/d (365mm o/d) stainless steel adaptor	
130732	Raincap (with fixing rods for top ring)	
135093	Top Ring (for ventilation)	

DM Accessories



SAP Code All dimensions are ext	Description ernal unless otherwise stated	Weight (kg)
146432	$1500 \times 215 \times 70$ mm support lintel Max load (per pair) 1650kg	51
130689	Stainless steel casing wall tie	
130771	Lip glue (5kg)	5
102629	1m reinforcement rod 12mm diameter	1

Typical DM Installation Detail

FOUNDATIONS

Construction begins by providing a suitable foundation and constructional hearth in accordance with Building Regulations and site requirements.

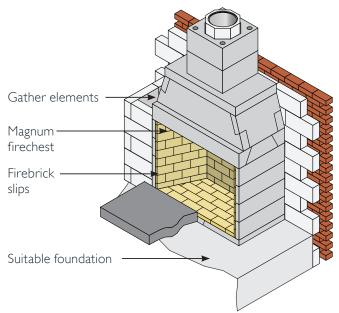
OPEN FIRE OPTION

Bed the base plate of the firechest onto a suitable foundation/constructional hearth in accordance with Building Regulations and at the level required on site using Isokern lip glue.

Install the firechest using lip glue making sure all elements are level. 100mm of brick/blockwork must be built around the sides and back of the firechest to comply with Building Regulations. The inside of the firechest must be finished with a suitable fireback or firebrick slips.

Install the gather using lip glue making sure all the elements are level. The front face of the gather can be finished with plasterboard, rendered or clad in masonry. Lintels may be required above the gather to help carry the brick or blockwork. The maximum loading capacity of the ISOKERN firechest and gather is 2500kg.

OPEN FIRE OPTION



STOVE IN RECESS OPTION

Pre-stressed lintels or a suitable cast-in-situ concrete slab must be provided above the stove recess, please make sure they are strong enough to carry the load (see appropriate Isokern DM drawing for aperture size). It is recommended to have a minimum of 600mm of stove flue pipe before connecting to the support block.

The support block is bedded onto the lintels using a weak mix mortar. A stainless steel adaptor is used to create a positive connection from the support block to the stove flue pipe (fibre rope should be used to create a seal).

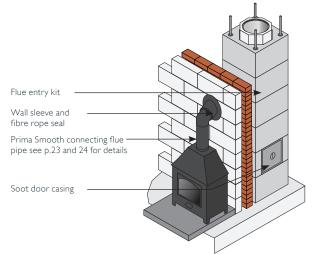
Lintels

Support block
Stainless steel adaptor

Prima Smooth connecting flue pipe see p.23 and 24 for details

FREE STANDING STOVE OPTION

A soot door casing and access flue block must be used below the flue pipe entry. The DM 45° access kit is then used for the connecting flue pipe. A suitable wall sleeve must be used to seal the cavity wall. Any combustible insulation within the wall must then be kept away from the single wall connecting flue pipe by at least $1.5 \times its$ diameter. Fibre rope is used to seal between the flue pipe and wall sleeve, a suitable trim collar can be used to finish the inner wall surface.

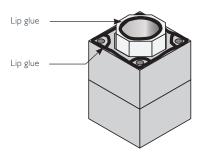


Typical DM Installation Detail

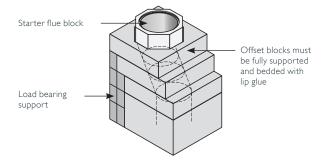
CHIMNEY CONSTRUCTION

Bed the first outer casing using lip glue making sure the rebate (raised lip) is uppermost. The starter flue block is then put inside the casing bedded with lip glue. The socket on the starter flue block must be uppermost and the air gap between the starter flue and the casing should be kept clear. The finished lip glue joints should be 2-3mm thick, a special bag is provided for ease of application and the lip glue should be applied in 12-15 mm beads.

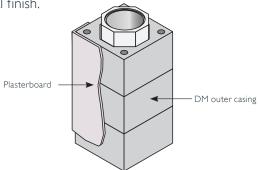
HOW TO USE LIP GLUE



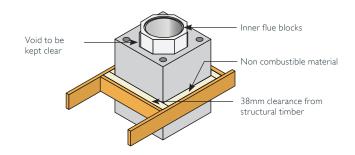
Offset blocks if required must be glued together with lip glue and be fully supported. Please note a chimney should be built straight wherever possible. A starter flue block will be required above the offset blocks to stagger the joints between the outer casing and inner flue blocks.



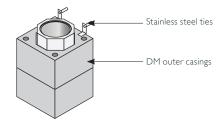
Casings and flue blocks are added using lip glue for all joints. Ensure the air gap between the inner flue and outer casing remains clear. The outer surface of the casings to be finished with plasterboard on dabs or plaster. The side that faces the wall does not need an external finish.



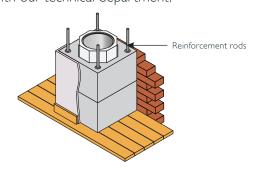
On a rendered stack with a top ring fitted (see p.12 for example), where a straight chimney passes through a floor or roof, zero mm distance to combustibles can be applied. A sliding joint is made using mineral wool or similar non-combustible material. In all other cases, 38mm clearance must be maintained between the outer face of the chimney and any structural timber or combustible material. Floor boards, skirting boards, dado rails and other non-structural components may, however, be in contact with the chimney.



External chimneys must be tied to the structure at maximum intervals of 1.5m and at the point where it departs from the roof using 2 x suitable stainless steel wall ties. These are fitted into the outer casing joints. They are not always required for internal chimneys. Please consult the Isokern technical office.



High tensile steel reinforcement rods will be required for all chimneys with a height that exceeds 1.4m above the roof line, 1.1m if the wind speed exceeds 44ms. These rods are available from Isokern and must be grouted (1:3 cement/sand) into the holes provided in the outer casings. You must start the rods at least the same height below the roof as what's above, please check with our technical department.

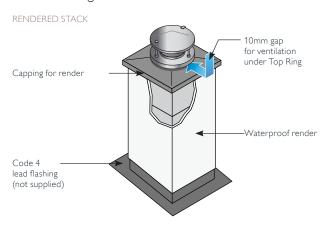


Typical DM Installation Detail

RENDERED STACK OPTION

Code 4 lead flashing to be fitted at roof level as per Building Regulations. We recommend that you scorch a 5-10mm deep channel into the outer surface of the casings and fold in the top edge of the flashing.

Finish the outer surface of the casings above the roof with 2 part waterproof render. The recommended mix is 1:2:5-6 cement:lime:sand for the undercoats. 1:2:8-9 cement:lime:sand for the final coat. The number of coats required will depend upon the degree of exposure, generally a two coat mix is acceptable. The mix may vary due to climate conditions, the thickness of any one coat should not exceed 15mm, and each subsequent coat should be reduced by approximately 3mm. Isokern concrete capping for render to be lip glued onto the last casing.



BRICK STACK OPTION

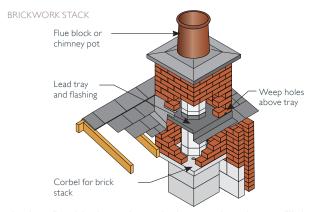
To take brick or stonework externally a corbel is fitted just below the roof. Use trusses and trimmers to brace the cladding as it passes through the roof.

Code 4 lead tray with 50mm upstands and stepped flashing to be fitted in accordance with Building Regulations. A 50mm upstand should be fitted tight to the outside of the flue block and where possible turned in by approx 10mm. Lead trays should be coated with bituminous paint where it is in contact with mortar. The D.P.C. tray should be fitted at least 150mm above the lowest point of intersection with the roof. Weep holes should be provided at the front of the stack above the tray for water drainage.

Casings can be deleted above the corbel if stack height is less than 1.4m above the roof.

TERMINATION

Raincap - Ventilated Option - (Installation with 0 distance to combustibles for straight rendered chimneys only). Take



the last flue block up through the capping, do not fill the gap between the flue block and capping. Push fit the aluminium top ring onto the flue block and make sure there is a 10mm air gap between the outer edge of the ring and the capping. The flue block may need cutting to suit.

Chimney Pot Option - This option always requires a 38mm distance to combustibles from the outside of the block. Fit a chimney pot at least 75mm down into the capping and flaunch with 1:3 cement and sharp sand to seal around. This option is not possible if 0 distance to combustibles is required.

AFTER COMPLETION

After installation is complete tests and checks should be carried out in accordance with document J of the Building Regulations. A chimney notice plate must be completed and permanently fixed in the dwelling, ideally near the electrical consumer unit. The checklist and notice plate are available from Schiedel Isokern.

USE AND MAINTENANCE

The chimney should be left for at least 72 hours before use, then start only with small fires for the first week and gently increase thereafter.

The chimney should be swept at least twice a year, once before the heating season and once after the heating season. You may need to sweep during the heating season depending upon use. The brush should be a medium density polypropylene bristle type and should be the same diameter as the flue. Steel brushes must not be used to sweep the Isokern pumice flues. Always follow the appliance manufacturer's operating instructions. Always burn approved fuels or dry seasoned wood. Avoid burning unseasoned wood and slow burning of solid fuels as this can produce excessive soot and condensation which in turn cause soot fires and damage. If correctly installed, operated and maintained these systems could last the life of the dwelling.

Liner System – for new and existing chimneys

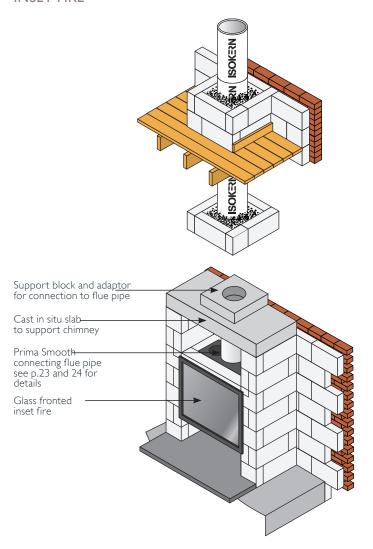
The pumice liner system comes in a range of 15 diameters from 150mm to 1000mm with T Liners, Liner Support Blocks, and Adaptors for ease of connection to the appliance.

The insulated flue liner for traditional build

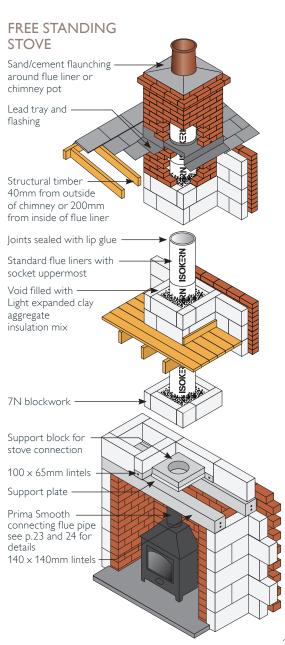
Suitable for use with inserts, stoves, open fires and cookers burning wood, solid fuel, oil or gas (not condensing appliances including Biomass & Pellets).

- Lightweight materials, easy to handle
- Highly insulating pumice for better draw and minimum heat loss
- 600mm and 1000mm lengths mean fewer joints and fast to install
- 15 flue sizes available
- Good resistance to temperature variations gives the maximum performance for your appliance

INSET FIRE



DOWNLOADABLE DRAWINGS AVAILABLE FROM OUR WEB SITE WWW.SCHIEDEL.COM/UK



	SAP Code All dimensions ar	Description re external unless otherwise stated	Weight (kg)
	Round Liners		
ISOKERN	126372 126498 127685 127715 128546 129036 129360 129567 129738 129927 130142	150mm i/d 600mm high rebated liner (200mm o/d) 175mm i/d 600mm high rebated liner (235mm o/d) 200mm i/d 600mm high rebated liner (250mm o/d) 225mm i/d 600mm high rebated liner (285mm o/d) 250mm i/d 600mm high rebated liner (310mm o/d) 300mm i/d 600mm high rebated liner (360mm o/d) 350mm i/d 600mm high rebated liner (416mm o/d) 400mm i/d 1000mm high rebated liner (530mm o/d) 500mm i/d 1000mm high rebated liner (590mm o/d) 600mm i/d 1000mm high rebated liner (706mm o/d)	8 11 12 14 16 19 27 50 60 70 100
	Collars		
	126361 126494 127673 127705 128533 129021 129356	150mm steel collar 175mm steel collar 200mm steel collar 225mm steel collar 250mm steel collar 300mm steel collar 350mm steel collar	
	Support Lintel		
-	146431	1500 × 140 × 140mm support lintels Max load (per pair) 3250kg	71
	169330	$600 \times 100 \times 65$ mm support lintels	9
	Support Plates	(for supporting liners and support blocks)	
0	127694 128549	210mm i/d 340mm square 4mm thick (fits 150mm support blocks) 255mm i/d 360mm square 4mm thick (fits 175mm and 200mm support blocks)	3

	SAP Code All dimensions ar	Description The external unless otherwise stated	Weight (kg)
	Liner Support	Blocks (for connection to single wall connecting flue pipe)	
	126366 126483 127340 130731 128548 129043	150mm i/d 310mm square 75mm high 175mm i/d 350mm square 75mm high 200mm i/d 350mm square 75mm high 225mm i/d 440mm square 100mm high 250mm i/d 440mm square 100mm high 300mm i/d 545mm square 100mm high	7 8 8 20 20 30
	T Liners		
Isode Gast	126376 126500 127695 126375	150mm i/d 45° rebated T liner 600mm high 175mm i/d 45° rebated T liner 600mm high 200mm i/d 45° rebated T liner 600mm high 150mm i/d 90° rebated T liner 600mm high	15 20 22 15
SCHIEDEL MONTHS CONTROL CHARGE TABLE CONTROL C	Light expanded	d clay aggregate	
-	130769	50 litre (0.05m³)	approx. 19
Communication of the Communica	Lip Glue		
mslim 5	130771	Lip glue (5kg)	5



SAP Code All dimensions are exte	Description rnal unless otherwise stated	Weight (kg)
Liner Bends		
126364	150mm i/d 15° rebated bend	4
126365	150mm i/d 30° rebated bend	5
126367	150mm i/d 45° rebated bend	6
126495	175mm i/d 15° rebated bend	5
126496	175mm i/d 30° rebated bend	6
126497	175mm i/d 45° rebated bend	8
127679	200mm i/d 15° rebated bend	5
127680	200mm i/d 30° rebated bend	6
127681	200mm i/d 45° rebated bend	8
127706	225mm i/d 15° rebated bend	7
127707	225mm i/d 30° rebated bend	8
127708	225mm i/d 45° rebated bend	9
128542	250mm i/d 15° rebated bend	8
128531	250mm i/d 30° rebated bend	9
128532	250mm i/d 45° rebated bend	10
129015	300mm i/d 15° rebated bend	10
129016	300mm i/d 30° rebated bend	11
131819	300mm i/d 45° rebated bend	12
129354 129355 131820 Larger diameter bends	350mm i/d 15° rebated bend 350mm i/d 30° rebated bend 350mm i/d 45° rebated bend available on request.	13 14 16



Stainless Steel Adaptors with Sealing Rope (for connection to support block)

126373	150mm i/d (205mm o/d)
126499	175mm i/d (235mm o/d)
127691	200mm i/d (255mm o/d)
127719	225mm i/d (290mm o/d)
128547	250mm i/d (315mm o/d)
129039	300mm i/d (365mm o/d)





126357	125-150mm i/d (205mm o/d)
126493	150-175mm i/d (235mm o/d)
127671	150-200mm i/d (255mm o/d)
127672	175-200mm i/d (255mm o/d)
127704	200-225mm i/d (290mm o/d)

Stainless Steel Adaptors with Sealing Rope (for connection to T liners)



125453	125-150mm i/d (210mm o/d)
126358	150mm i/d (210mm o/d)
146412	150-175mm i/d (240mm o/d)
146413	175mm i/d (240mm o/d)











SAP Code	Description	Weight
	ternal unless otherwise stated	(kg)
Access Block		
126362 127678	150mm i/d 215mm square 205mm high rebated access block 200mm i/d (also for 175mm) 280mm square 280mm high rebated access block	5 12
Soot Door		
142837	Double soot door 265 × 395mm	2
Insulated Plug	3	
142599	Insulated plug (glue to access blocks)	4
Chimney Pots	s	
	Terracotta	
126371 127341 127713 127714 128543 129035 129359	150mm i/d roll top terracotta 450mm high 200mm i/d roll top terracotta 450mm high 225mm i/d roll top terracotta 300mm high 225mm i/d roll top terracotta 450mm high 250mm i/d roll top terracotta 450mm high 300mm i/d roll top terracotta 450mm high 350mm i/d roll top terracotta 450mm high	14 16 12 18 19 26 32
	Buff	
126370 130697 127702 127711 128544 129034 129358	150mm i/d roll top buff 450mm high 200mm i/d roll top buff 450mm high 225mm i/d roll top buff 300mm high 225mm i/d roll top buff 450mm high 250mm i/d roll top buff 450mm high 300mm i/d roll top buff 450mm high 350mm i/d roll top buff 450mm high	14 16 12 18 19 26 32
Topguards		
	Terracotta	
130737 130738 130739	Topguard terracotta 150-250mm i/d Topguard terracotta 300mm i/d Topguard terracotta 350mm i/d	2 2 2
	Buff	
130742 130740 130741	Topguard buff 150-250mm i/d Topguard buff 300mm i/d Topguard buff 350mm i/d	2 2 2
Notice Plate		
130696	Chimney notice plate	
Smoke Pellets	5	
130817	Smoke pellets (6 per tube)	

Typical Liner Installation Detail

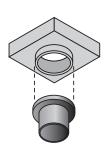
Construction begins by providing a suitable foundation and constructional hearth in accordance with Building Regulations and site requirements.

STOVE IN RECESS OPTION

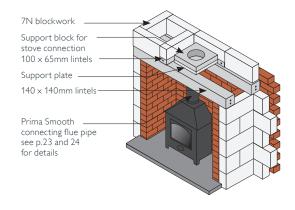
Our pre stressed lintels must be installed above the fireplace recess, for this method a support plate is required under the support block.

Alternatively a suitable cast-in-situ concrete slab lintel can be created above the fireplace recess. (See Isokern standard drawings for hole size depending on diameter of chosen flue).

The support block is bedded onto the slab lintel using weak mix mortar. A stainless steel adaptor is used to connect from the support block to the stove flue pipe. This adaptor is pushed up onto the support block spigot (fibre rope should be used to create a seal). It is recommended to have a minimum of 600mm length of flue pipe before connecting to the chimney.



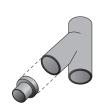
STOVE IN RECESS OPTION



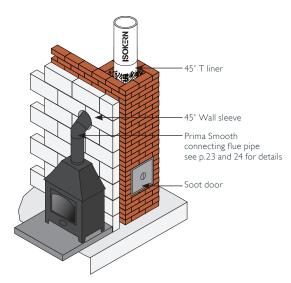
FREE STANDING STOVE OPTION

A soot door must be provided below the flue pipe entry to allow for inspection and removal of soot and debris. A suitable wall sleeve is to be used to seal the cavity wall. Any combustible insulation within the wall must be kept away from the single skin connecting flue pipe by at least $1.5 \times its$ diameter.

A stainless steel adaptor is fitted to the Isokern T Liner with the fibre tape supplied. The flue pipe is a push fit over the spigot on the adaptor. Seal off the gap between the flue pipe and wall sleeve with fire proof rope and closing plate.



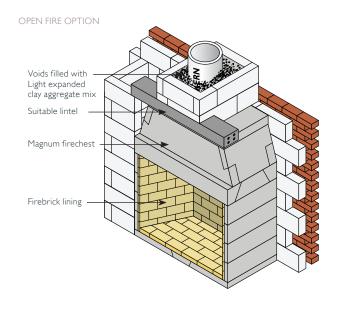
FREE STANDING STOVE OPTION



OPEN FIRE OPTION

Install the firechest onto the constructional hearth using lip glue making sure all elements are level. 100mm of brick or blockwork must be built around the sides and back of the firechest to comply with Building Regulations. The inside of the firechest must be finished with a suitable fireback or firebrick slips.

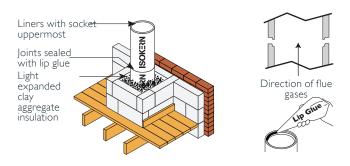
Install the gather using lip glue making sure all elements are level. The front face of the gather can be finished with plasterboard, rendered or clad in masonry. Lintels may be required above the gather to help carry the brick or blockwork. The maximum loading capacity of the Isokern firechest and gather is 2500kg.



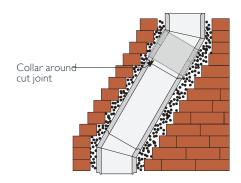
Typical Liner Installation Detail

ALL OPTIONS

The flue liners are installed socket uppermost and sealed with Isokern lip glue. Finished lip glue joints should be 2-3mm thick. A special bag is provided for ease of application and the lip glue should be applied in 12-15mm beads. Remove any excess glue to maintain a smooth surface. Clad the liners with a minimum of 100mm thick brickwork or medium density (7kN) blockwork. A minimum thickness of 15mm Light expanded clay aggregate insulation must be installed between the liners and masonry. Mix 20 parts to 1 part opc cement and a small amount of water. Make sure it is well mixed before using.



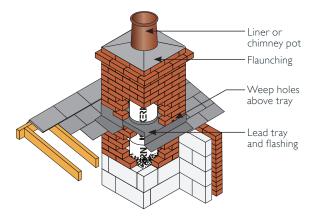
If bends are required in the chimney make sure adequate support is provided and always backfill with light expanded clay aggregate insulation mix. Liners can be cut between bends to achieve a required offset distance. A steel collar as well as lip glue must be used for any cut joints. A maximum of 2 complete offsets (4 bends) are allowed per chimney and the angle must not be greater than 45° from the vertical.



You must provide adequate clearance from combustible material in accordance with Building Regulations Combustible materials must be 200mm from the inner surface of flue liner or 40mm from the outside of the masonry chimney unless it is a floorboard, skirting board, dado or picture rail, mantel-shelf or architrave.

Fit appropriate lead dpc's and flashings in accordance with the relevant regulations. Isokern recommend that the lead tray should be dressed up the outside of the flue liners to avoid a weak joint. Weep holes should be provided above the tray for moisture drainage.

Terminate the chimney to the correct height in accordance with document J of the Building Regulations. The chimney can be finished by flaunching (1:3 cement/sharp sand) either around the Isokern flue liner or a suitable chimney pot. Approved rain caps can be used to help prevent water entering the flue.



AFTER COMPLETION

After installation is complete tests and checks should be carried out in accordance with document J of the Building Regulations. A chimney notice plate must be completed and permanently fixed in the dwelling, ideally near the electrical consumer unit. The checklist and notice plate are available from Schiedel Isokern.

USE AND MAINTENANCE

The chimney should be left for at least 72 hours before use, then start with only small fires for the first week and gently increase thereafter.

The chimney should be swept at least twice a year, once before the heating season and once after the heating season. You may need to sweep during the heating season depending upon use. The brush should be a medium density polypropylene bristle type and should be the same diameter as the flue. Steel brushes must not be used to sweep Isokern pumice flues. Always follow the appliance manufacturer's operating instructions. Always burn approved fuels or dry seasoned

instructions. Always burn approved fuels or dry seasoned wood. Avoid burning unseasoned wood and slow burning of solid fuels as this can produce excessive soot and condensation which can in turn cause soot fires and damage. If correctly installed, operated and maintained these systems could last the life of the dwelling.

Firechests

The ideal solution for creating open fires. The finished appearance is down to individual taste using one of the many fireplace surrounds on the market.

The Schiedel Isokern firechest complements the Isokern chimney systems which are designed to create a complete system, avoiding many of the variable factors that lead to draught problems and smoky fireplaces.

The Isokern firechest range is cast using lightweight, highly insulating pumice. The components interlock like pieces of a three dimensional jigsaw to form a sturdy, robust fireplace recess and gather. The joints are sealed using lip glue jointing compound. Starting from a suitable foundation and constructional hearth, assembly of the

complete firechest and gather could take less than one hour.

The range includes firechests with fire opening widths from 500 to 1250mm. Each firechest is packed on a pallet with detailed assembly instructions. The firechest is load bearing and will carry up to 2600kg of chimney above, although you may exceed this weight with the use of additional lintels.

THE MAGNUM FIRECHEST RANGE

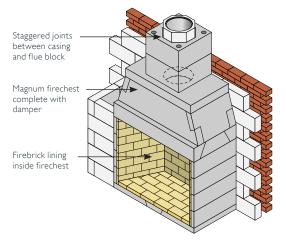
The Magnum Firechest range has been designed to maximise the burning efficiency of wood in an open fire. The specially shaped fire chamber facilitates the efficient burning of wood logs to give efficiencies from 41% to 45%, depending on the model chosen. The firechests are tested to EN13229.

DAMPER

A flue damper is available in the Magnum range of firechests. In wood burning installations the flue damper can be used to control the draft in the flue and avoid excessive heat loss when the fireplace is not being used. This is reflected in the SAP calculation for Document L. The inclusion of the damper will halve the chimney ventilation rate in the SAP calculation. It must not be installed with gas fires.

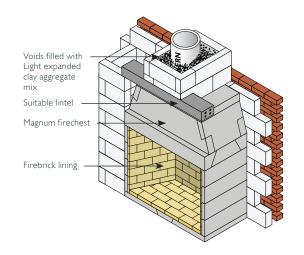


MAGNUM FIRECHEST WITH DM SYSTEM CHIMNEY



DOWNLOADABLE DRAWINGS AVAILABLE FROM OUR WEB SITE WWW.SCHIEDEL.COM/UK

MAGNUM FIRECHEST WITH PUMICE LINERS



Firechests





Magnum 500 Inside Flue diameter 200mm Magnum 950 - 1200 Inside Flue diameter 350mm



i lagriurii /S	r lagrium 750 - 1200 inside ride diameter 550mm						
Standard Fi	irechests						
130820		690	660	850	660	450	100
Firechest a	nd damper						
178090 178091 178092	950 1100 1200	990 1130 1246	960 960 960	1090 1230 1346	1761 1761 1761	710 710 710	718 794 851

Internal

Ext.

Ext

Ext.

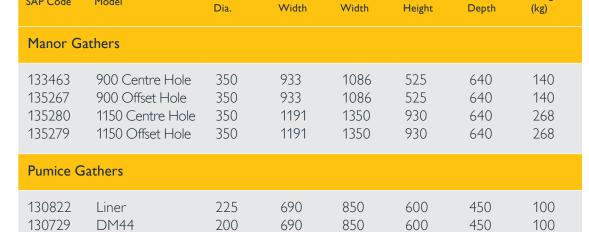
Weight

Inside Flue



SAP Code

Model





Concrete	Gathers						
130699	C16	200/225	600	800	225	450	110
131200	C17	250	800	1000	300	550	130



130699	C16	200/225	600	800	225	450	110
131200	C17	250	800	1000	300	550	130
131201	C18	300	800	1000	300	550	138



SAP Code	Description	Weight (kg)
Firebricks a	nd Firebacks	
112562 115281	Firebrick 230 × 114 × 25mm buff Firebrick 230 × 114 × 50mm buff	1.6 2.8
130753 129735	Firebrick mortar 450mm milner scored clay fireback	20 42.5

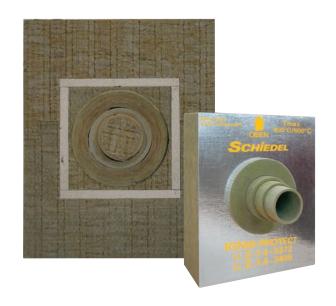


Ignis-Protect

Designed specifically for Air Tight, Energy Efficient and Timber Framed Buildings

Use of 90° Ignis-Protect System in accordance with BS EN 15287-1 Acceptable alternative methods of connection methods

Where a horizontal connecting flue of more than 150mm is required to connect a solid fuel fired appliance to a chimney, an installation method as per the examples below may be used provided the following criteria is met:



- The maximum length of horizontal connecting flue pipe does not exceed 450mm
- A Defra exempt appliance or an appliance, which is limited to burning authorised smokeless fuel only, is installed
- A calculation according to BS EN13384-1 has indicated safe operation of the proposed configuration, and the results of the calculation are left with the householder along with the appliance installation instructions
- The appliance manufacturer agrees in writing to the proposed configuration
- The chimney manufacturer agrees in writing to the proposed configuration
- The total length of single wall connecting flue pipe is not more than 1.5m
- The appropriate distances to combustible materials from both the appliance and the connecting flue pipe are maintained.

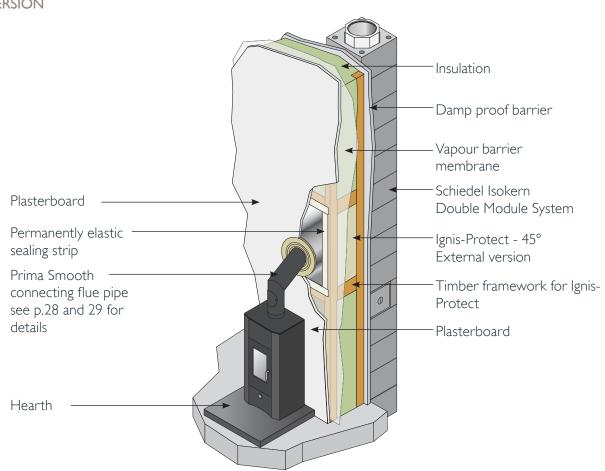
Ignis-Protect



SAP Code	Thickness (mm)	Height (mm)	Width (mm)	Pallet Quan- tity
Ignis-Protect 90	° Version			
101841 101842 101843 101844 101845 101846	150 200 250 300 350 400	700 700 700 700 700 700	565 565 565 565 565 565	12 9 6 4 4 2
Ignis-Protect 45	$^{\circ}$ Version			
149530 149531 149532 149533 149534 149535	100 150 200 250 300 350	1020 1020 1020 1320 1320 1320	565 565 565 565 565 565	18 12 9 6 4



TYPICAL INSTALLATION OF 45° VERSION





The Celsius system is a DEFRA exempt, modern fireplace insert, generating energy efficient warmth and comfort, as well as style.

The package is available in separate blocks, with all materials included for an installation in a new build, major renovation or a luxury home.

Scan the QR code to head over to YouTube to see an animated video showing how easy it is to put together







Easy to build - lasts a lifetime

- Simple and timeless design
- Block system can be supplied pre-built or as separate blocks.
- Can be placed with 0 mm distance to combustible material on the back and 300 mm to the sides
- Can be placed anywhere in the house as the air supply is integrated.
- Can be integrated into a non-combustible wall, saving space
- No high temperatures on surfaces of frame and surround
- Convection insert, which distributes heat in rooms
- Extremely energy efficient A+ rated
- Environmentally friendly combustion clearSkies Level 5
- CE marked solution
- DEFRA exempt appliance for use in Smoke Control Areas



ENERG 900
Schiedel ISOKERN Celsius
A+ A+ A- C D E F
6,7 kw
1888: 1887/18 - 1887/11 - 1988/21 - 1988/27 - 1988: 1818/2 2015/7-186

Technical	CELSIUS
Width	440 mm
Height	1500 mm
Depth	440 mm
Weight	240 kg

Efficiency	CELSIUS
Output	6.7 kW
Efficiency	A+
Energy Efficiency	83 %
Air Independent	✓

Air Independent	✓
DEFRA Exempt	✓
clearSkies Level 5	✓
Danish Technological Institute DS/EN13240/A2:2004 Norweigan Standard NS Measurement) European Standard EN16510-1:2018	3058 and NS3059 (PM



DEFRA EXEMPT
The Celsius is DEFRA
Exempt so it can be installed and used in Smoke Control
Areas in the United Kingdom, when operated in accordance with the instruction and installation manuals and when any conditions are met.



CLEARSKIES LEVEL 5
Celsius has achieved the highest level in clearSkies certification, which means that it exceeds the minimum performance level for Ecodesign Regulations.

Connecting Flue Pipe – Prima Smooth

Prima Smooth is a high quality 316L grade stainless steel single wall flue system available with two wall thickness options of 0.6mm and 1mm. Prima Smooth has been tested and approved for use as connecting flue pipe between an appliance and a Pumice System Chimney.

TRADITIONAL STANDARD KITS

Stove in Recess Basic Kit





Through the Wall Kit 45°



45°



125-150 Increaser

Through the Wall Kit 90°





Stove in Recess Basic Kit	SAP code Ø150	SAP code Ø 180
1000mm Inspection Pipe	114708	119962
125-150 Increaser	110211	126294

ð 180
69145
:1
:1
:1
:1
:1
:1

Through the Wall Kit 90°	Ø 150
Kit	169144
125-150 Increaser	x 1
1m Pipe	x 1
Masonry Wall Sleeve	x 1
1 Piece Round Trim Collar	x 1

Starting Components



Appliance Connector 0.6mm PS013 1m								
Int Ømm Prima Smooth		125	125	150	150	180	200	
Appliance Spigot mm		126	128	148	153	178	198	
SAP Code Painted	0.6mm	125359	125363	126253	126257	119939	119937	
SAF Code Fainted	1mm	125360	125364	126254	126258	119931	119929	
CARCILLI	0.6mm	125361	125365	126255	126259	119940	119938	
SAP Code Unpainted	1mm	125366	125366	126256	126260	119932	119930	



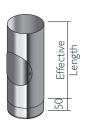
Swaged Starter Pipes								
Int Ømm Prima Smoot	th	125	150	180	200			
Appliance Spigot mm		123	148	178	198			
Painted A 1000	1mm	133984	133987	133993	133996			
Unpainted A 1000	1mm	133956	133959	133965	133968			
Painted A 500	1mm	133985	133988	133994	133997			
Unpainted A 500	1mm	133957	133960	133966	133969			
Painted A 250	1mm	133986	133989	133995	133998			
Unpainted A 250	1mm	133958	133961	133967	133970			

Connecting Flue Pipe – Prima Smooth

Pipes



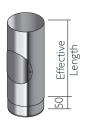
Standard Pipe I	Effective	0.6mm PS0	001 1mm PS101		
Int Ømm		125	150	180	200
CADC I D I	0.6mm	122583	114554	119860	119858
SAP Code Painted	1mm	122584	119954	119957	119955
CAD C I II : I I	0.6mm	113272	114550	119861	119859
SAP Code Unpainted	1mm	115948	116338	119958	119956



Inspection Pipe	Effective	0.6mm PS011	1mm PS111		
Int Ømm		125	150	180	200
6406 4 0 1 4	0.6mm	114177	114707	119864	119862
SAP Code Painted	1mm	115979	116477	119961	119959
6486 4 44 3 4 4	0.6mm	114179	114709	119865	119863
SAP Code Unpainted	1mm	113482	114708	119962	119960



Standard Pipe Effective Length 450mm				0.6mm PS	002 1mm PS102
Int Ømm		125	150	180	200
SAP Code Painted	0.6mm	122585	111973	119868	119866
SAF Code Fainted	1mm	125375	120601	119965	119963
CARC LALL SALE	0.6mm	111487	111972	119869	119867
SAP Code Unpainted	1mm	112994	113393	119966	119964



Inspection Pipe	Effective	e Length 450mm		0.6mm PS	012 1mm PS112
Int Ømm		125	150	180	200
CAD Code Deliated	0.6mm	112081	112155	119872	119870
SAP Code Painted	1mm	114182	114252	119969	119967
CARCILLI	0.6mm	112083	112150	119873	119871
SAP Code Unpainted	1mm	111608	112115	119970	119968



Standard Pipe I	Effective	0.6mm PS0	03 1mm PS103		
Int Ømm		125	150	180	200
CADC L D:	0.6mm	122586	110716	119880	119878
SAP Code Painted	1mm	125374	120602	119977	119975
CAD C. I. II I	0.6mm	110485	110723	119881	119879
SAP Code Unpainted	1mm	111302	111543	119978	119976



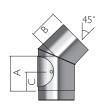
Inspection Pipe	Effective	0.6mm PS004	1mm PS104		
Int Ømm		125	150	180	200
6486 4 8 4	0.6mm	122587	111169	119876	119874
SAP Code Painted	1mm	122588	119985	119973	119971
CAD Code Unavioted	0.6mm	110885	111165	119877	119875
SAP Code Unpainted	1mm	110850	110850	119974	119972

Connecting Flue Pipe – Prima Smooth

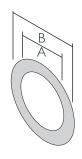
Bends / Additional Components



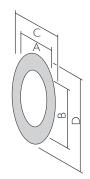
45° Bend				0.6mm PS	015 1mm PS115
Int Ømm		125	150	180	200
A mm		73	73	73	73
B mm		122	122	122	122
SAP Code Painted	0.6mm	121422	110717	119911	119909
SAF Code Fainted	1mm	122589	120013	120007	120005
SAP Code Unpainted	0.6mm	110468	110720	119912	119910
	1mm	110515	110707	120008	120006



45° Inspection	Bend			0.6mm PS0	044 1mm PS144
Int Ømm		125	150	180	200
A mm		155	155	155	155
B mm		122	122	122	122
C mm		94	94	94	94
Inspection Hole Ø mm		100	130	130	130
SAP Code Painted	0.6mm	122594	111335	119915	119913
SAP Code Painted	1mm	121423	120004	120011	120009
SAP Code Unpainted	0.6mm	110875	111332	119916	119914
	1mm	110948	111324	120012	120010



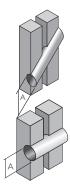
1 Piece Trim Collar 90° 0.6mm 9580P								
Int Ømm		150	180	200				
A mm		154	184	204				
B mm		300	330	350				
Painted	0.6mm	126337	127039	127643				
Unpainted	0.6mm	164279	127038	127642				



1 Piece Tr	im Colla	r 45°0.6	mm 95	89P
Int Ømm		150	180	200
A mm		154	184	204
B mm		215	259	287
C mm		300	330	350
D mm		412	454	483
Painted	0.6mm	147394	126613	127187
Unpainted	0.6mm	125887	126612	127186



Test Point				0.6mm PS0	03 1mm PS103
Int Ømm		125	150	180	200
	0.6mm	146361	146365	146369	146373
SAP Code Painted	1mm	146371	146375	146363	146367
SAP Code Unpainted	0.6mm	146360	146364	146368	146372
	1mm	146362	146366	146370	146374



Wall Sleeve 45° (for	masonry wall only	<i>(</i>)			94620
A Masonry	200	230	250	288	306
SAP Codes Masonry	125894	126641	127205	128102	128587
Supplied as a 1m long mitred tub	be to be cut to length on site.	For timber framed hou	ises, see Ignis Protect on	p.23	

Wall Sleeve 90° (for masonry wall)			94980			
A Masonry	200	230	250			
SAP Codes Masonry	147392	126642	127206			
For timber framed houses, see Ignis Pro	For timber framed houses, see Ignis Protect on p.23					

FLUE AREA AND LIP GLUE QUANTITY CHART



Int. Diameter of Liners & Flue Blocks (mm)	Ext. Diameter of Liner (mm)	Int. Area of Liner (cm²)	Approx number of joints per bag of glue
150	200	177	16
175	235	240	14
200	250	314	12
225	285	397	11
250	310	491	10
300	360	707	9
350	416	962	7
400	470	1256	6
450	530	1590	5
500	590	1963	5
600	710	2826	4
DM36 Casing			6
DM44 Casing			5
DM54 Casing			4
DM36 Offset Blocks			5
DM44 Offset Blocks			3
DM54 Offset Blocks			

LIGHT EXPANDED CLAY AGGREGATE CALCULATION CHART

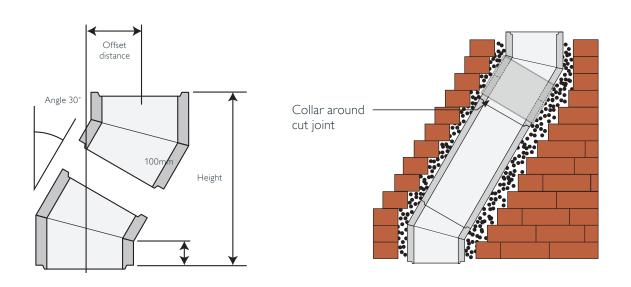


Int. Diameter of Liners & Flue Blocks (mm)	Ext. Diameter of Liner (mm)	Int. Size of Chimney (mm)	Bags per Linear metre
150	200	235 ×235	0.48
150	200	235 × 350	1.02
150	200	350 × 350	1.82
175	235	350 × 350	1.58
175	235	350 × 460	2.35
175	235	460 × 460	3.36
200	250	350 × 350	1,47
200	250	350 × 460	2.24
200	250	460 × 460	3.25
225	285	350 × 350	1.17
225	285	350 × 460	1.94
225	285	460 × 460	2.96
250	310	350 × 350	0.94
250	310	350 × 460	1.71
250	310	460 × 460	2.72
300	360	460 × 460	2.20
300	360	460 × 575	3.25
300	360	575 × 575	4.58
350	416	460 × 460	1.51
350	416	460 × 575	2.57
350	416	575 × 575	3.89
400	470	575 × 575	3.14

OFFSET DIMENSION CHART

Int. Diameter of Liners (mm)	Angle of Bend	Overall Combined Height	Offset Distance (mm)
150	15°	427	56
150	30°	456	122
150	45°	467	194
175	15°	435	57
175	30°	471	126
175	45°	489	202
200	15°	440	58
200	30°	481	129
200	45°	503	208
225	15°	449	59
225	30∘	499	134
225	45°	528	219
250	15°	456	60
250	30°	511	137
250	45°	545	222
300	15°	469	63
300	30°	536	144
300	45°	581	240
350	15°	483	63
350	30∘	564	151
350	45°	620	257

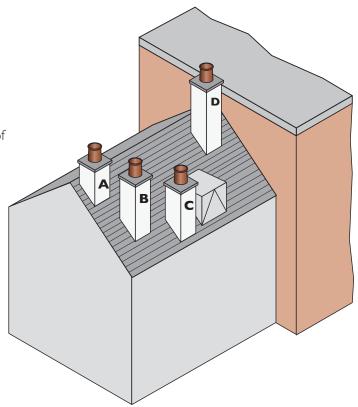
PAIR OF BENDS



CHIMNEY HEIGHTS

On solid fuel and wood burning applications, the minimum recommended flue height is 4.5m from above the fire place opening or top of the appliance. For shorter flue heights a draft calculation would be required in line with the flue sizing requirements of EN13384-1.

The maximum freestanding stack height above the roof for a traditional coursed masonry chimney is 4.5 times the narrowest horizontal part of the chimney.



CHIMNEY HEIGHTS ABOVE ROOF

	Point where flue passes through weather surface (Notes 1,2)	Clearances to flue outlets
A	at or within 600mm of the ridge	at least 600mm above the ridge
В	elsewhere on a roof (whether pitched or flat)	at least 2300mm horizontally from the nearest point on the weather surface and:
		A) at least 1000mm above the highest point of intersection of the chimney and the weather surface: or B) at least as high as the ridge
С	below (on a pitched roof) or within 2300mm horizontally to an openable rooflight, dormer window or other opening (Note 3)	at least 1000mm above the top of the opening
D	within 2300mm of an adjoining or adjacent building, whether or not beyond the boundary (Note 3)	at least 600mm above the adjacent building

For clearances to easily ignitable roof coverings such as thatch refer to diagram 2.2 of Approved Document J 2010 Edition

NOTES

- 1. The weather surface is the building external surface, such as its roof, tiles or external walls.
- 2. A flat roof has a pitch less than 10
- 3. The clearances given for A or B as appropriate will also apply.

VENTILATION REQUIREMENTS

It is very important that sufficient air for combustion and ventilation is provided to the room containing the appliance, to enable correct and efficient working of the appliance and chimney system. Reference should be made to the appliance manufacturer's instructions and recommendations are also given in the Building Regulations Document J, see below:

CARBON MONOXIDE ALARMS

Where a new or replacement fixed solid fuel appliance is installed in a dwelling, a carbon monoxide alarm should be provided in the room where the appliance is located.

The carbon monoxide alarms should comply with BS EN 50291:2001.

The carbon monoxide alarm must be located in the same room as the appliance:

- a) On the ceiling at least 300mm from any wall or if it is located on a wall, as high up as possible (above any doors and windows), but not within 150mm of the ceiling and
- b) between 1m and 3m horizontally from the appliance. N.B Provision of a carbon monoxide alarm should not be regarded as a substitute for correct installation and regular servicing.

VENTILATION REQUIREMENTS FOR SOLID FUEL

Type of Appliance	Type and amount of Ventilation (1)
Open appliance, such as an open fire with no throat, e.g. a fire under a canopy as in Diagram 23.	Permanently open air vent(s) with a total equivalent area of at least 50% of the cross sectional area of the flue.
Open appliance, such as an open fire with a throat, as in Diagrams 22 and 29.	Permanently open air vent(s) with a total equivalent area of at least 50% of the throat opening area. (2)
	Permanently open air vents as below:
Other appliance, such as a stove, cooker or boiler, with a	If design air permeability $> 5.0 \text{m}^3/(\text{h.m}^2)$ then
	300mm ² /kW for first 5kW of appliance rated output
flue draught stabiliser.	850mm²/kW for balance of appliance rated output
	If design air permeability $\leq 5.0 \text{m}^3/(\text{h.m}^2)$ then
	850mm²/kW of appliance rated output (4)
	Permanently open vents as below:
	If design air permeability $> 5.0 \mathrm{m}^3/(\mathrm{h.m^2})$ then
Other appliance, such as a stove, cooker or boiler, with no flue draught stabiliser.	550mm²/kW of appliance rated output above 5kW
no nue di augni stabiliser.	If design air permeability $\leq 5.0 \text{m}^3/(\text{h.m}^2)$ then
	550mm²/kW of appliance rated output (4)

Notes:

- 1. Equivalent area is as measured according to the method in BS EN 13141-1:2004 or estimated according to paragraph 1.14. Divide the area given in mm2 by 100 to find the corresponding area in cm2.
- 2. For simple open fires as depicted in Diagram 29, the requirement can be met with room ventilation areas as follows:

Nominal fire size (fireplace opening size)	500mm	450mm	400mm	350mm
Total equivalent area of permanently open air vents	20,500mm ²	18,500mm ²	16,500mm ²	14,500mm ²

- 3. Example: an appliance with a flue draught stabiliser and a rated output of 7kW would require an equivalent area of $(5 \times 300) + (2 \times 850) = 3200$ mm2
- 4. It is unlikely that a dwelling constructed prior to 2008 will have an air permeability of less than 5.0m3/h.m2) at 50Pa unlessextensive measures have been taken to improve airtightness. See Appendix F.

MAGNUM COMBUSTION AIR REQUIREMENT

Size of Magnum Firechest	Free Air in cm ²	Free Air in mm²
500	200	20.000
950	248	24.800
1100	338	33.800
1200	385	38.500

MAGNUM FIREBRICK, LIP GLUE & MORTAR QUANTITY

Size of Magnum Firechest	25mm thick Bricks	50mm thick Bricks	Lip Glue	Firebrick Mortar
500	Included	Included	2	Included
950	40	34	5	2
1100	40	44	6	2
1200	40	48	6	2

Useful Guides

THE SCHIEDEL INSTALLATION APP

This handy mobile guide can be used on mobile devices and touchscreen tablets.

It offers a number of very useful guides on all aspects of installing an appliance using Schiedel Chimney Systems, including:

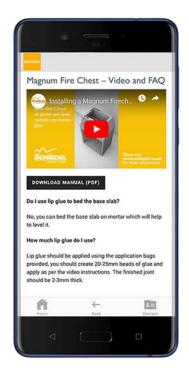
- Quick and straightforward reference for installers.
- Video breakdowns of each stage of the installation process, from connection to the appliance through to termination.
- Highlighting the safety critical areas where the chimney penetrates the floors, ceilings, roof and walls.
- Incorporates frequently asked questions information at each stage of the installation process, in line with building regulations.
- An easy-to-use system for downloading full product information and installation instructions.
- Register your installation in the App.

Download the iPhone and iPad version in the App Store and Android version in the Google Play Store.

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We have a comprehensive range of CAD cells, typical installations using Isokern Pumice components and other diagrams, which are ideal Ideal resources for architects and builders when designing a chimney system for a new build or renovation

Visit our website and head over to the **SPECIALIST CENTRE** which can be found under the **SCHIEDEL WORLD** menu, or contact us and we will send a USB stick with all the relevant information and downloads on.





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