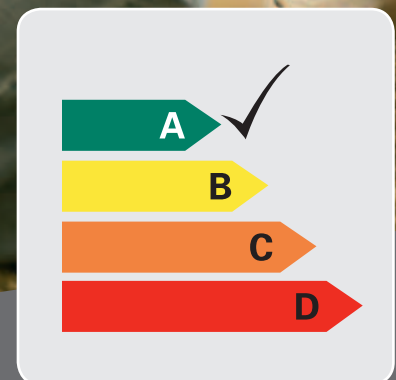


CHOOSING THE RIGHT FLUE FOR YOUR STOVE...

The Schiedel Rite-Vent Stove Range



The Schiedel Rite-Vent Stove Range

There are essentially two parts to an effective chimney for a stove:

1. *The Connecting Flue Pipe, connecting the stove to the chimney system or flexible liner.*
2. *The main chimney system, which can be composed of either:-*
 - a) *A Chimney Liner (Rigid or Flexible) in an existing masonry chimney or*
 - b) *A System Chimney (Twin Wall Insulated) for a new building or for retrofit where the building does not have an existing chimney.*

The purpose of this booklet is to guide you to the correct product for your stove.

CONNECTING FLUE PIPE - PRIMA SMOOTH

Prima Smooth is the new stainless steel connecting flue pipe for use as an attractive and functional alternative to vitreous enamel. The joints in the pipe are formed to give the appearance of a smooth continuous length from the stove through to the System Chimney or Chimney Liner.

Prima Smooth is offered in two versions:

- High Grade 316L Stainless Steel in a Matt finish.
- Black painted 316L Grade Stainless Steel using special high temperature stove paint with a matt black finish.

Prima Smooth is a lightweight precision engineered product.



CHIMNEY LINERS - TECNOFLEX PLUS & PRIMA SMOOTH

TecnoFlex Plus is the leading twin skin flexible liner for solid fuel and wood burning appliances. Unique to **Tecnoflex Plus** is the NEW range of screw fit adaptors and terminals.

Prima Smooth is a rigid single wall chimney liner. It is manufactured from high quality 316L Grade Stainless Steel. The liner system has adjustable bends which are particularly useful if the stove is not directly in line with the chimney.



TWIN WALL SYSTEM CHIMNEYS - ICID

ICID is the new twin wall system chimney specifically designed for stoves. A key feature of the system is the easy to install twist lock connections. A full range of accessories is available linking **ICID** with the other products in the Stove Range, as well as introducing the new aesthetically designed ventilated firestop plates for use in the living room.



DM PUMICE BLOCK SYSTEM AND CHIMNEY LINERS

Schiedel Isokern DM block system is a high quality System Chimney for use on New Build Housing projects. **DM** is fully tested and approved to BS EN1858 for uses as a system chimney.

Diameter range is Ø150 - 345mm*

Schiedel Pumice Flue Liner can be used for newbuild, extensions and relining existing chimneys.

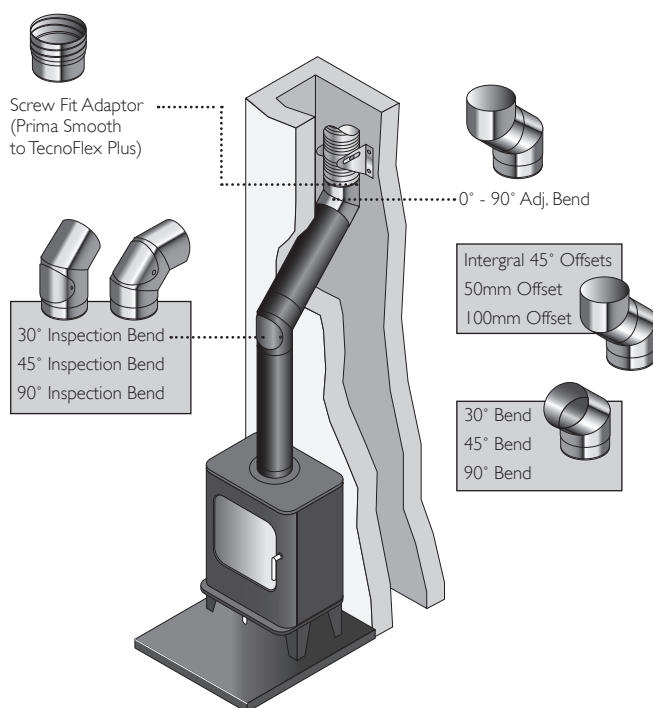
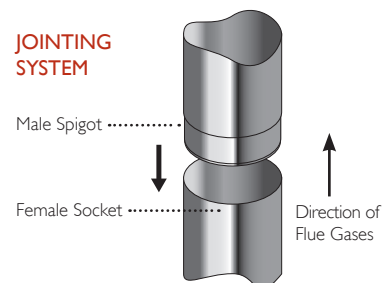
The liner is available in 15 different sizes from diameter 150mm-1000mm



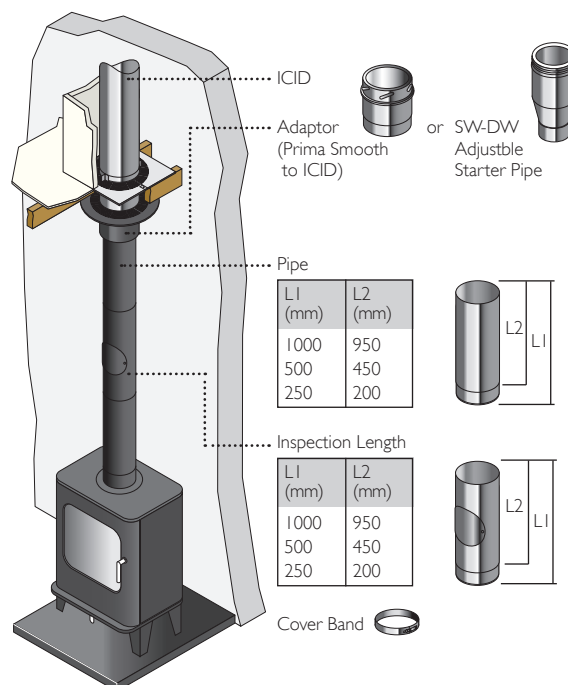
Prima Smooth - Connecting Flue Pipe

Prima Smooth is the new stainless steel connecting flue pipe for use as an attractive and functional alternative to vitreous enamel.

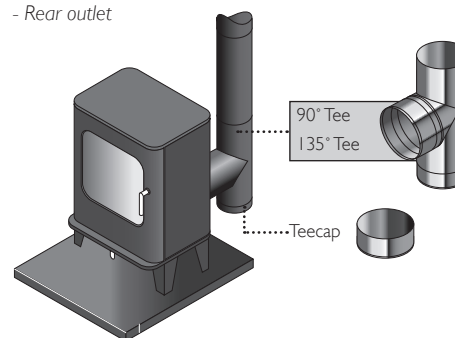
- 316L Grade Stainless Steel
- Attractive appearance
- Lightweight
- Available in matt black or steel finish
- Diameter range 125 - 200mm
- Available in 0.6mm and 1mm options



EXISTING MASONRY CHIMNEY
Prima Smooth connecting to
Tecnoflex Plus Chimney Liner



NEW SYSTEM CHIMNEY
Prima Smooth connecting to ICID
- Top outlet
- Rear outlet



APPROVALS



Prima Smooth is CE Certified to
EN1856-2 TÜV 0036 CPR 9195 029 with designations:

High Temperature Applications

T600 NI WV2 L50060 GXX NM
T600 NI WV2 L50100 GXX NM
(XX = 3 x Ø Int. of Pipe)

For a direct link to the
Prima Smooth page
on the website
scan the QR code.

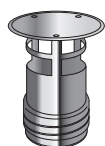


TecnoFlex Plus - Chimney Liner

TecnoFlex Plus is the leading twin skin flexible chimney liner designed to work with wood burning and solid fuel stoves.

- Unique screw fit adaptors and terminals
- Available in 316L and 904L variants
- Unique joint design giving exceptional strength to the lock
- Meter length markers
- Diameter range 125 - 200mm

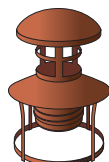
Screw fit range of Terminals



Terminal



Pot Hanger



Combined Pot Hanger & Terminal

AWARD WINNING



Screw fit range of Adaptors

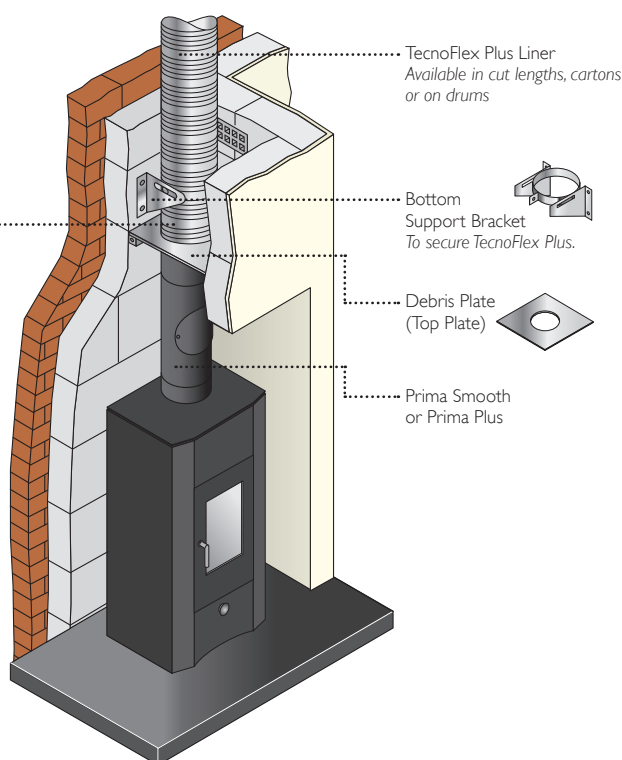
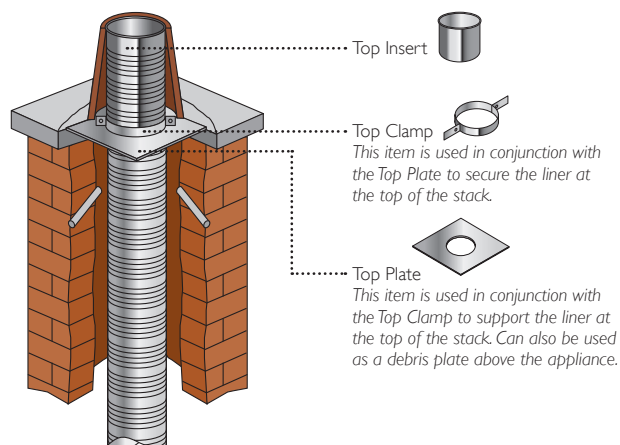


TecnoFlex Plus to Prima Plus



Prima Smooth to TecnoFlex Plus
Prima Plus to TecnoFlex Plus
Vitreous to TecnoFlex Plus

AWARD WINNING



APPROVALS



TecnoFlex Plus is CE Certified to EN1856-2 TÜV 0036 CPR 9195 035 with designations:

High Temperature Applications

T600 NI WV2 L50012 G
T600 NI WV2 L70012 G

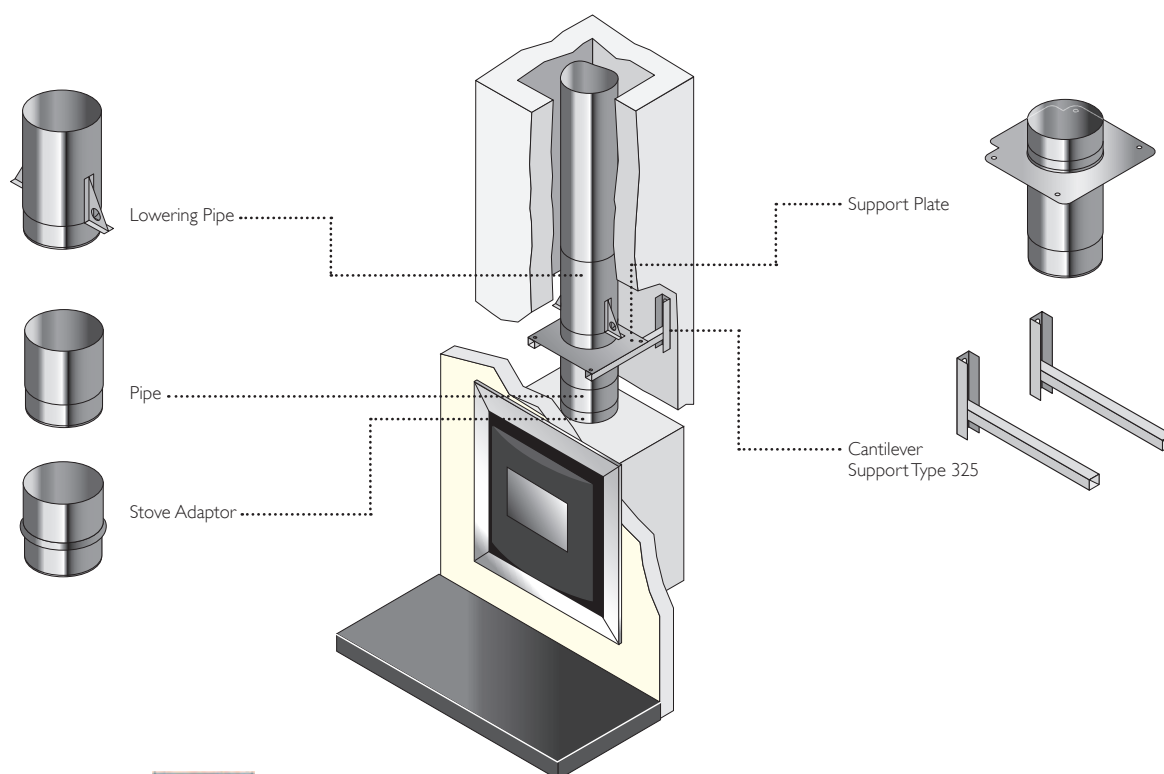
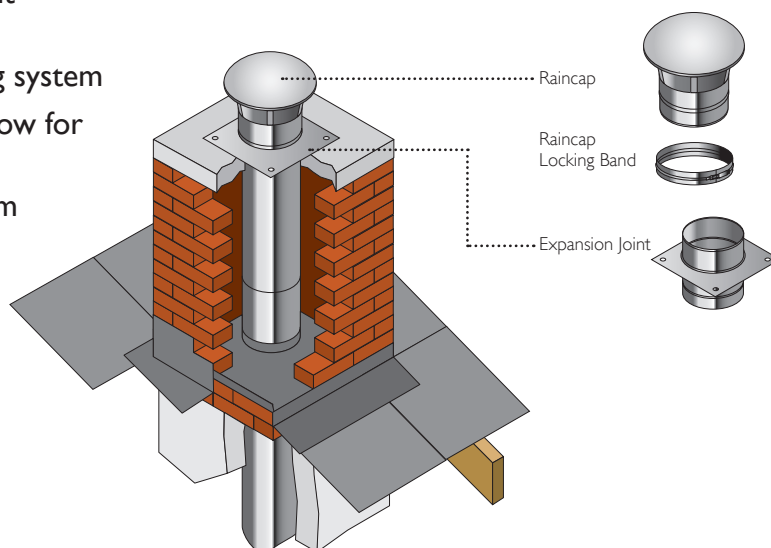
For a direct link to the TecnoFlex Plus page on the website scan the QR code.



Prima Smooth - Chimney Liner

Prima Smooth is a high quality 316L stainless steel single wall liner system suitable for wood and solid fuel.

- Advanced corrosion-resistant design and construction
- Precision engineered jointing system
- Components designed to allow for thermal expansion
- Diameter range 125 - 200mm
- Available in 0.6mm and 1mm options



APPROVALS



Prima Smooth is CE Certified to
EN1856-2 TÜV 0036 CPR 9195 033 with designations:

High Temperature Applications

T600 NI DV2 L50060 G
T600 NI DV2 L50100 G

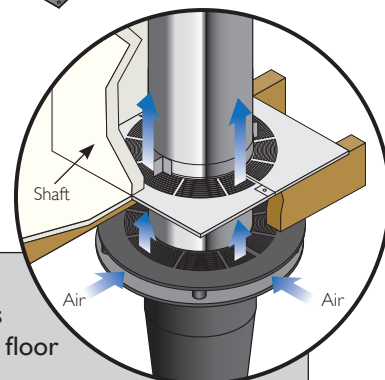
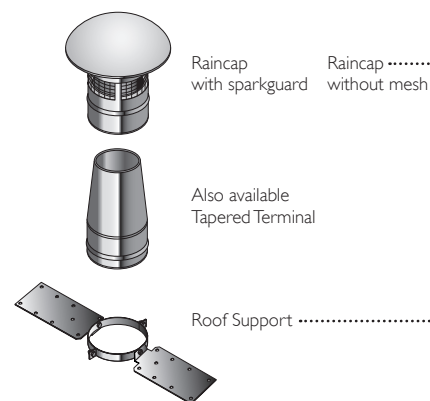
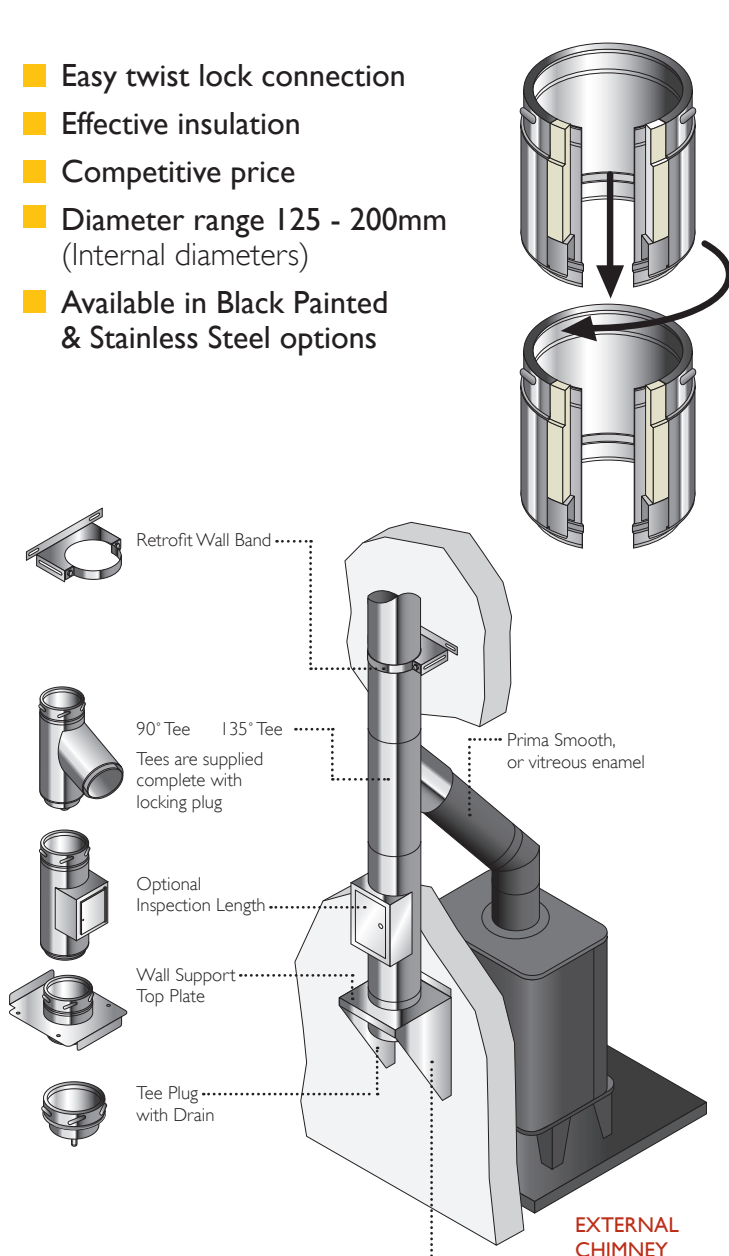
For a direct link to the
Prima Smooth page
on the website
scan the QR code.



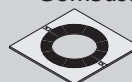
ICID - System Chimney

The twin wall flue designed specifically for stoves.

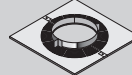
- Easy twist lock connection
- Effective insulation
- Competitive price
- Diameter range 125 - 200mm (Internal diameters)
- Available in Black Painted & Stainless Steel options



Ventilated Firestop Plates - Combustible floor



Rectangular Ventilated Firestop Plate
2 piece



Ventilated Support Plate
2 piece



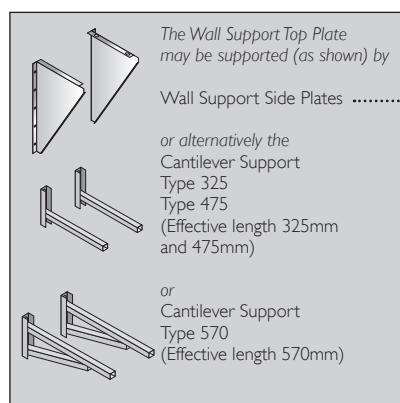
Round Ventilated Firestop Plate
1 piece

Finish Options:
Plain Galvanised Steel
Black RAL 9005 (Matt)
White RAL 9016 (Matt)



OPTIONAL
Magnetic Firestop Cover

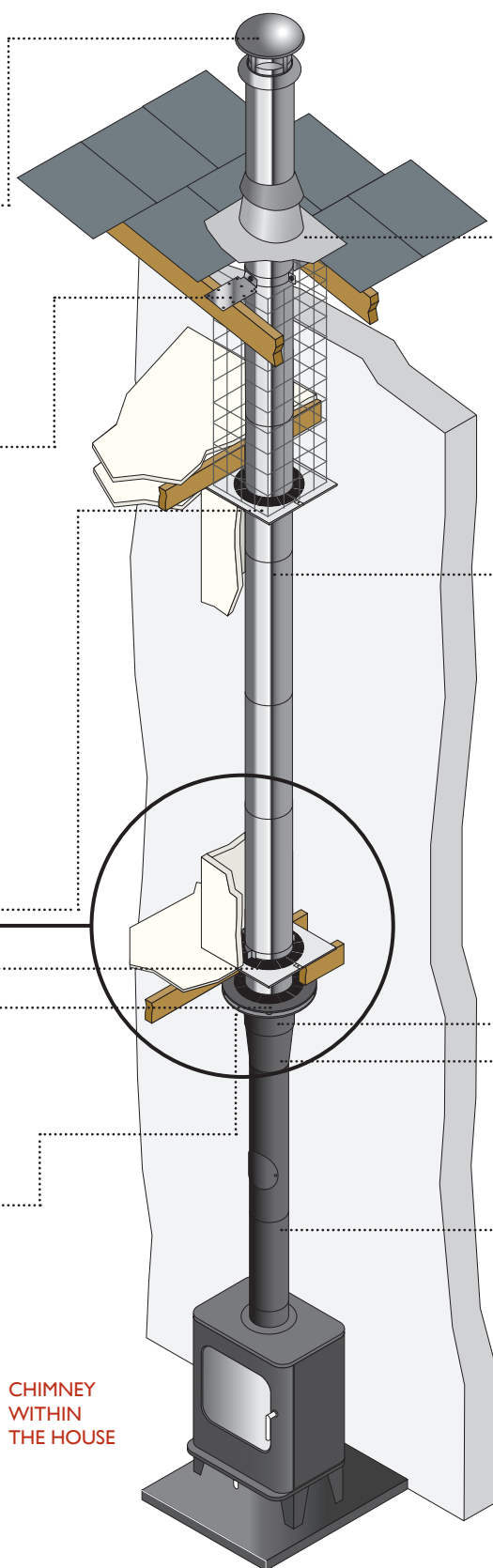
Finish Options:
Plain Galvanised Steel
Black RAL 9005 (Matt)
White RAL 9016 (Matt)



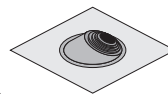
Distance between ICID and combustible material

In accordance with building regulations it is essential that the correct distance to combustible material is maintained. The distance is dependent upon the fuel used by the appliance and if the flue is in a combustible or non-combustible shaft. The approved minimum distances for ICID are as follows:

Fuel	Shaft & floor made from combustible materials	Shaft & floor made from non-combustible materials
Wood/Solid Fuel	60mm	50mm
Oil & Gas	50mm	50mm



CHIMNEY
WITHIN
THE HOUSE



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

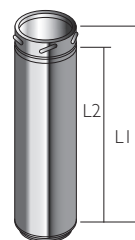
The most frequently used
bends are:

30° Bend 45° Bend



Pipe

L1 (mm)	L2 (mm)
1500	1460
1000	960
500	460
300	293
200	160



Adjustable Pipe
Adjustable 50mm - 230mm

Locking Band

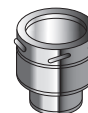


Adaptor
(Prima Smooth to ICID)

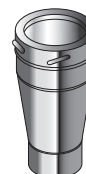


Appliance Connector

Increasing Adaptor



SW-DW Adjustable
Starter Section



Prima Smooth,
Prima Plus or
vitreous enamel



APPROVALS

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

High Temperature Applications

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

- 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 MPA and TÜV
- HETAS listed for use on solid fuel applications.

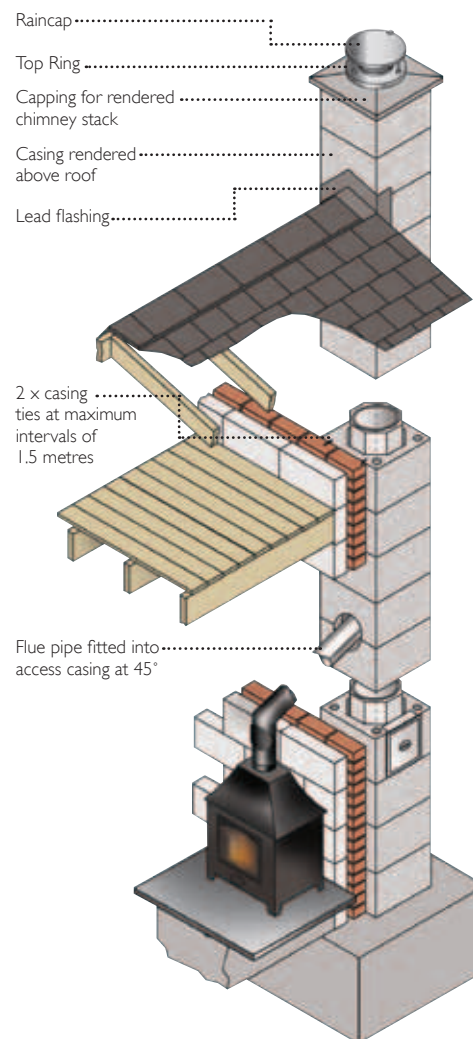
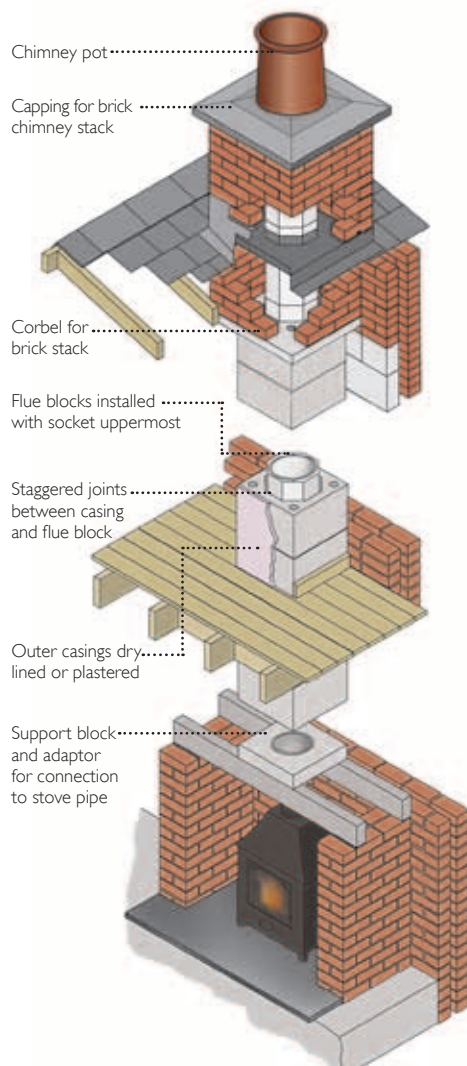
For a direct link to
the ICID page on the
website scan the
QR code.



DM Double Module Block for Stoves, Inserts, Open Fires & Cookers

Available in Ø150 - 345mm

- 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



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 KIT

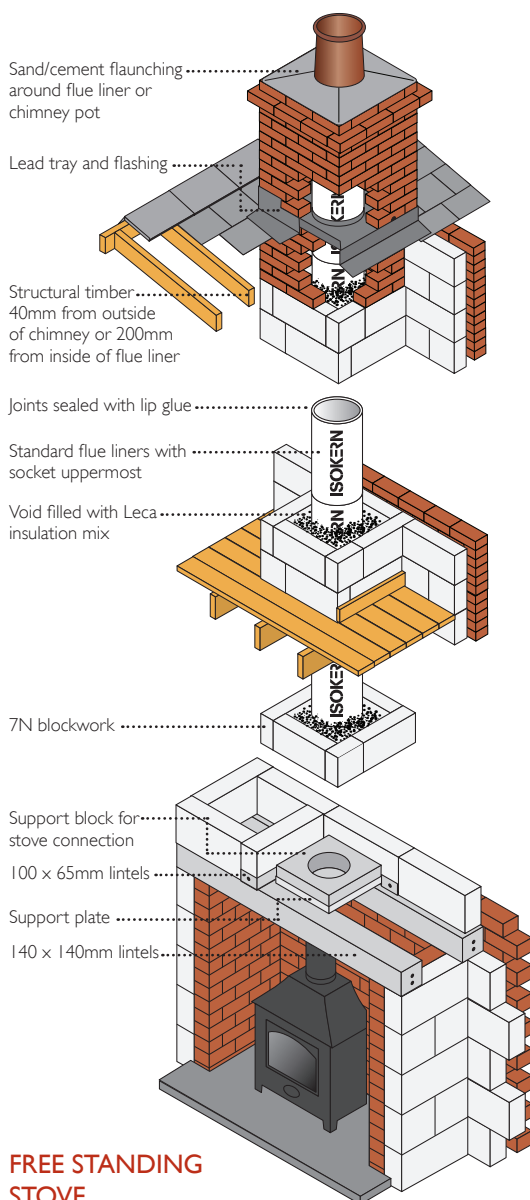
Liner System - for new and existing chimneys

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.

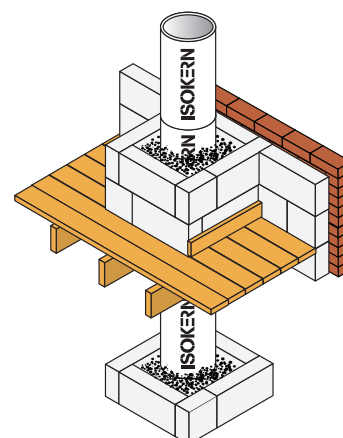
The insulated flue liner for traditional build

Suitable for use with inserts, stoves, open fires and solid fuel/oil cookers.

- 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



FREE STANDING STOVE

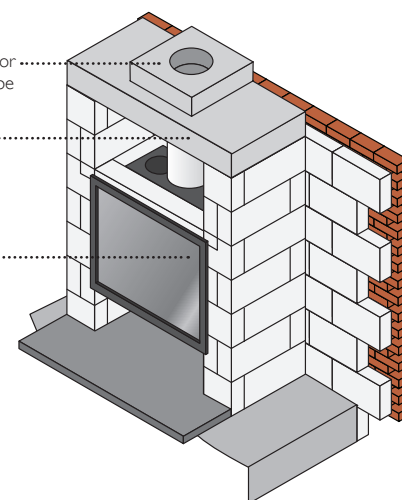


Support block and adaptor for connection to flue pipe

Cast in situ slab to support chimney

Glass fronted inset fire

INSET FIRE

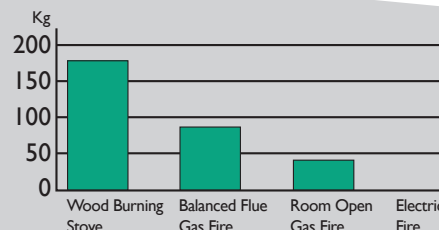


For a direct link to the Isokern Brochure scan the QR code.

Wood burning stoves... even MORE environmentally friendly

The benefit of installing a wood burning stove in an existing house can be considerable. Replacing an open fire, room open gas effect fire or an electric appliance with a wood burning stove will significantly reduce the house's carbon output. An electric fire is the most carbon intensive option. The graph alongside shows the carbon savings per year using different secondary heating appliances compared with an electric fire.

As you can see a wood burning stove is by far the best option. Nearly 200kg of carbon can be saved per year simply by switching from an electric fire to a wood burning stove.



**CARBON SAVINGS COMPARED
WITH AN ELECTRIC HEATER**

The increased efficiency of a wood burning stove with 70%+ efficiency compared to an open fire at 32% and a room open gas effect fire at 55% will make a noticeable difference to fuel economy and warmth in the house. Existing properties with chimneys can benefit from the reduction in the air loss rate by reducing the chimney diameter from 200mm to a flue of 150mm internal diameter suitable for most stoves. This will also eliminate the drafts caused by an open fire drawing air from the room.

In new houses a wood burning stove can now be used as primary heating and be responsible for up to 100% of the house. It can also be used in conjunction with another heat source like a condensing boiler or heat pump. Whether on its own or part of a combined heating solution a wood burning stove can be used to reduce the carbon output of the house.

The chimney plays an important role in the heating system because an efficient heating appliance requires a well and consistently insulated chimney to perform efficiently.

HETAS is the independent UK body recognised by DEFRA for the official testing and approval of domestic solid fuels, solid fuel and wood burning appliances and associated equipment and services. HETAS is also approved by DCLG (by Statutory Instrument) to run a Competent Persons self-certification scheme for installers of wood, biomass and solid fuel appliances/systems.

www.hetas.co.uk

Schiedel Chimney Systems run HETAS approved training courses for installers and people who want a better understanding of stoves and their installation.

For more details visit

www.schiedel.co.uk/training
or scan the QR code.



Schiedel Rite-Vent flues are HETAS approved products and should be installed by a competent person.

Schiedel Chimney Systems

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