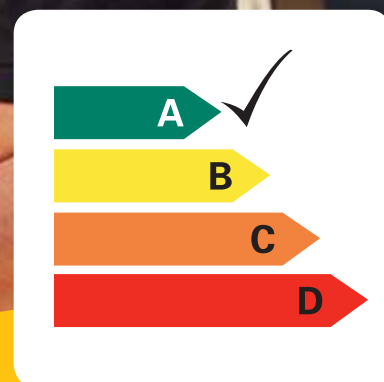
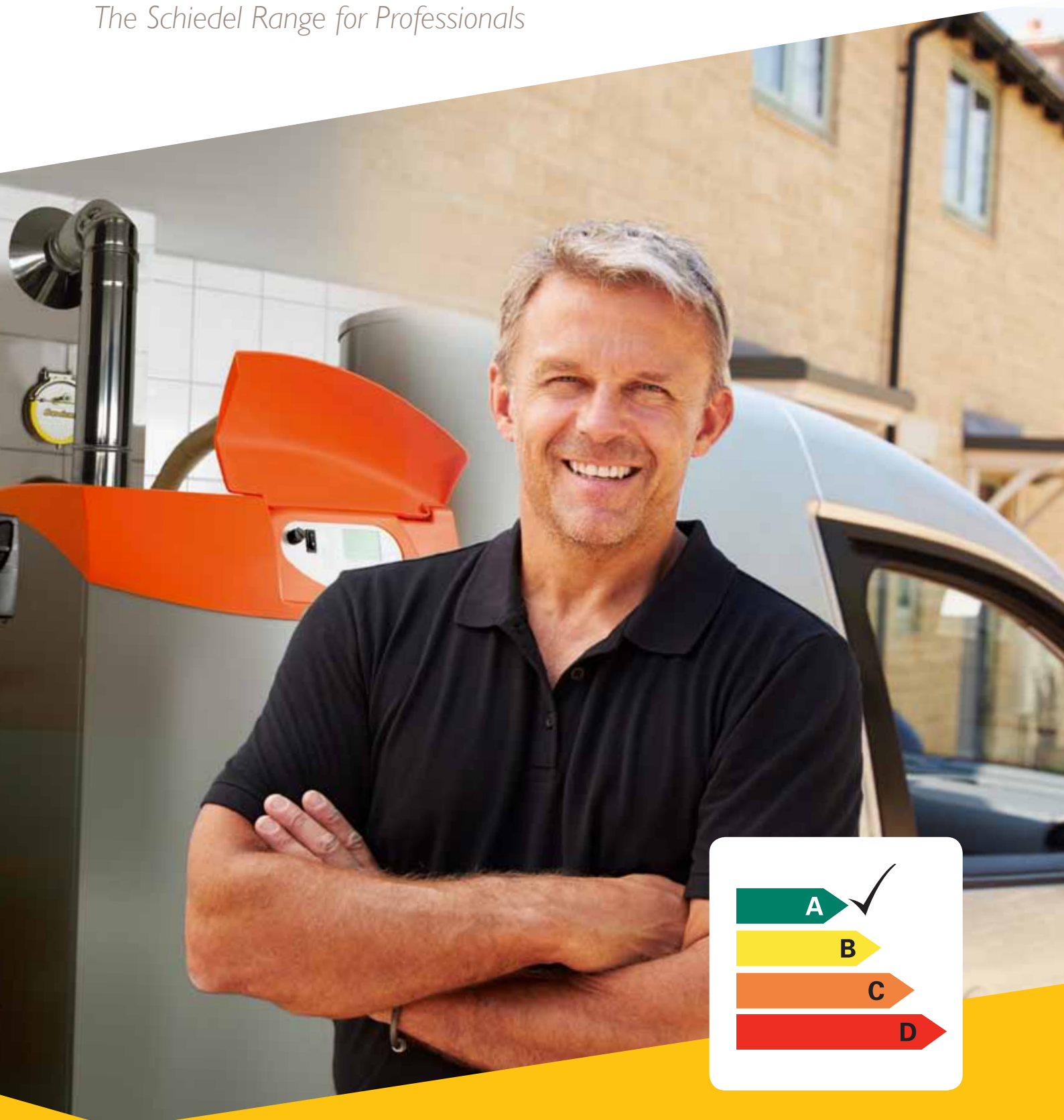


CHOOSING THE RIGHT FLUE FOR YOUR APPLIANCE

The Schiedel Range for Professionals



The Schiedel Product Range

There are essentially two parts to an effective chimney for an appliance:

1. The Connecting Flue Pipe, connecting the appliance 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 or Chimney Block) for a new build house or for retrofit where a house does not have an existing chimney.

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

Gas & Oil Appliances

CONNECTING FLUE PIPE - PRIMA PLUS

Prima Plus is a rigid single wall system designed for use as a connecting flue pipe. Available in 0.6mm thick High Grade 316L stainless steel, the system has been corrosion tested and is fully approved to BS EN1856-2. By fitting Schiedel's lip seal to the groove in the male form, Prima Plus can be converted for use on condensing gas and oil appliances with continuous operating temperatures of up to 200°C and positive pressure of up to 200Pa at the appliance outlet.

Diameter range is Ø80 - 200mm*



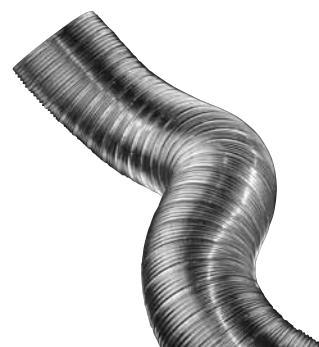
CHIMNEY LINERS - TRIPLELOCK & TECNOFLEX PLUS

Triplelock is a single wall stainless steel flexible flue liner designed for use with atmospheric gas and kerosene appliances where the flue gas temperatures do not exceed 260°C. Triplelock has been tested and approved to BS EN1856-2.

Diameter range is Ø100 - 125mm*

TecnoFlex Plus is a double wall stainless steel flexible flue liner and is the preferred flexible liner solution for use on condensing gas and oil appliances, due to its smooth inner liner, which offers minimal resistance to the flue gases. Tested and approved to BS EN1856-2 for use on condensing gas and oil appliances with continuous operating temperatures of up to 200°C and positive pressure of up to 200Pa at the appliance outlet.

Diameter range is Ø80 - 200mm*



TWIN WALL SYSTEM CHIMNEY - ICS

ICS is a twin wall insulated system chimney for use on gas and oil as well as wood and multi-fuel appliances.

By adding a lip seal to components with the male form on the liner, ICS is fully approved to EN1856-1 for use on condensing gas and oil appliances with continuous operating temperatures of up to 200°C and positive pressure of up to 200Pa at the appliance outlet.

Diameter range is Ø80 - 200mm*



* Larger diameters are available upon request.

Solid Fuel, Wood & Biomass Appliances

CONNECTING FLUE PIPE - PRIMA SMOOTH

Prima Smooth is the new stainless steel connecting flue pipe used to connect between a stove and a flexible chimney liner or rigid system chimney.

Prima Smooth is available in two material options:- 316L Grade stainless steel of either 0.6mm thickness or 1mm thickness, and in two colour options:- matt stainless steel finish, or with matt black high temperature painted finish. Both painted and unpainted options are fully tested and approved to BS EN1856-2.

Diameter range is Ø125 - 200mm



CHIMNEY LINERS - TECNOFLEX PLUS

TecnoFlex Plus is the UK's leading twin wall flexible liner for use on multi-fuel and wood burning appliances.

TecnoFlex Plus and its unique range of screw fit adaptors and terminals have been fully tested and approved to BS EN1856-2

Diameter range is Ø80 - 200*



TWIN WALL SYSTEM CHIMNEY - ICS

ICS is a twin wall insulated system chimney for use on wood and multi-fuel appliances, as well as on gas and oil appliances.

ICS is fully approved to EN1856-1 for use on open and closed stoves, open fires, residential and small commercial appliances with continuous operating temperatures of up to 450°C.

Diameter range is Ø80 - 200mm*



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

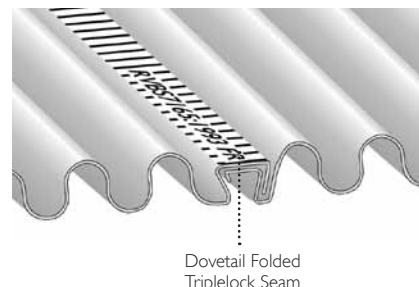


* Larger diameters are available upon request.

Triplelock - Chimney Liners for Gas & Oil Appliances

Triplelock is the leading single wall flexible chimney liner for use on gas and oil appliances.

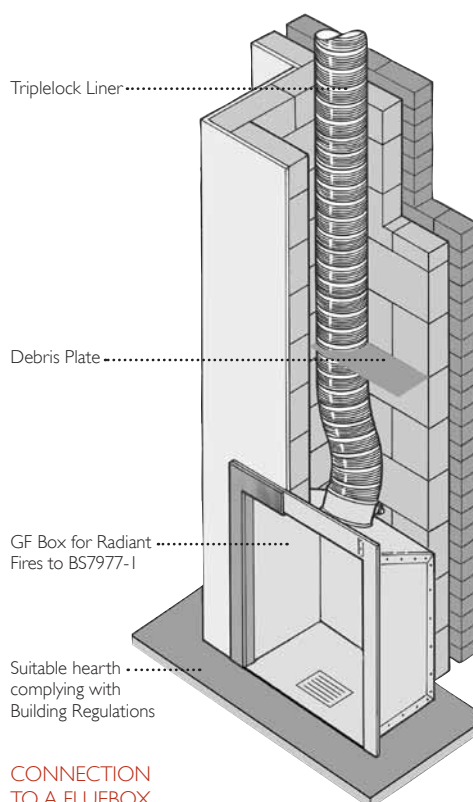
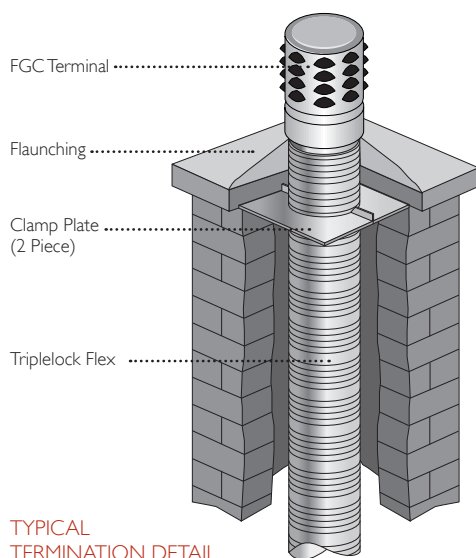
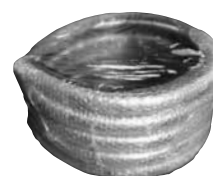
- Made from corrosion-resistant 316L stainless steel.
- Leak resistant construction due to dovetail folded seam.
- Highest corrosion resistance.
- Deep corrugations for high crush resistance and better flexibility when installing.
- Strong seam construction resists the rigours of pulling the liner into place during construction.
- Diameter range 100 - 125mm



Triplelock is available in Shrink Wrap Packs (Ø 100 - 125mm only)

Length (m)		6	7	8	9	10	11	12
Liner & Clamp Plate Ø100*	SAP Code	I24513	I24518	I24522	I24526	I24631	I24635	I24488
Liner & Clamp Plate Ø125*	SAP Code	I25036	I25043	I25047	I25051	I25000	I25004	I25008
Liner, Clamp Plate & Terminal Ø125	SAP Code	-	-	-	I25050	I24999	I25003	I25007

* When ordering these codes, a terminal must be ordered separately where required.



APPROVALS



Triplelock is CE Certified to
EN1856-2 TÜV 0036 CPR 9195 023 with designations:

Applications
T200 P1 W V2 L50010 O T300 N1 W V2 L50010 O

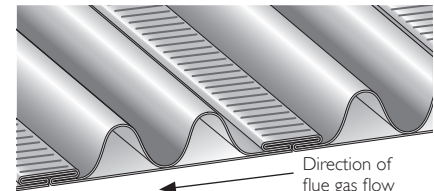
For a direct link to the
Flexible Liners Brochure
scan the QR code.



TecnoFlex Plus - Chimney Liners for Gas, Oil, Multi-fuel & Wood Burning Appliances

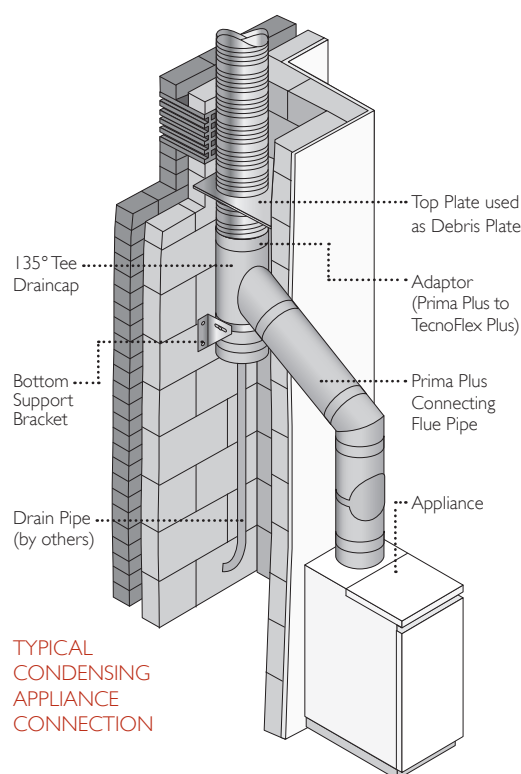
TecnoFlex Plus is the UK's leading stainless steel flexible chimney liner for use on condensing gas and oil appliances as well as multi-fuel and wood burning appliances.

- Unique joint design for extra strength.
- Unique screw fit adaptors and terminals.
- Available in 316L and 904L variants.
- Single strip design with engineered overlap of joints.
- Diameter range 80, 100, 125, 150, 155, 180, 200mm

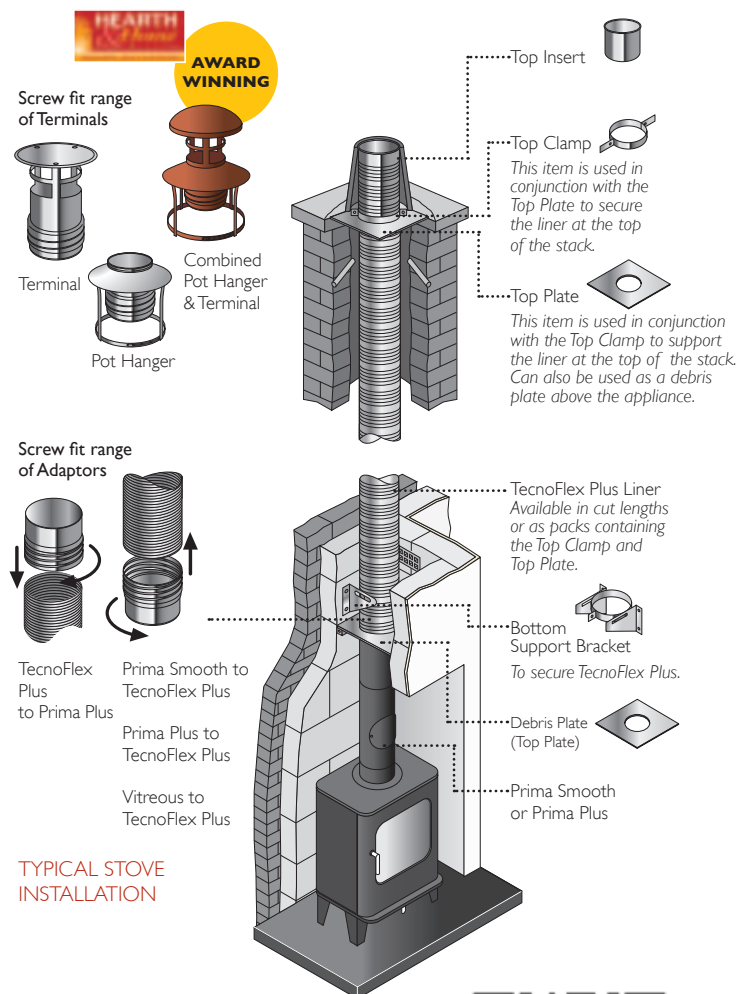


TecnoFlex Plus is available in Shrink Wrap Packs (Ø 125 - 155mm only)

Length (m)		5	6	7	8	9	10	11	12
Liner only Ø125	SAP Code	I25034	I25040	I25045	I25049	I25054	I25002	I25006	I25010
Liner only Ø155	SAP Code	I26418	I26420	I26421	I26422	I26423	I26396	I26397	I26398



TYPICAL
CONDENSING
APPLIANCE
CONNECTION



TYPICAL STOVE
INSTALLATION

APPROVALS



TecnoFlex Plus is CE Certified to
EN 1856-2 TÜV 0036 CPR 9195 035 with designations:

High Temperature Applications	Low Temperature Applications
T600 NI W V2 L500I2 G T600 NI W V2 L700I2 G	T200 PI W V2 L500I2 O T200 PI W V2 L700I2 O

For a direct link to the
Flexible Liners Brochure
scan the QR code.

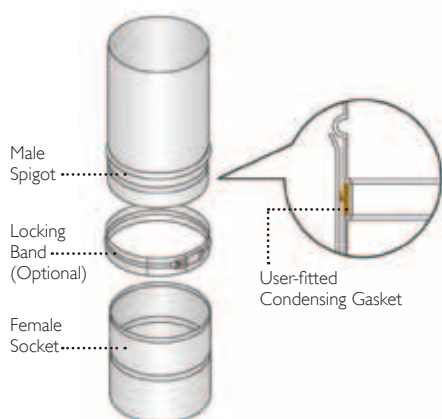


Prima Plus - Connecting Flue Pipe for Gas & Oil Appliances

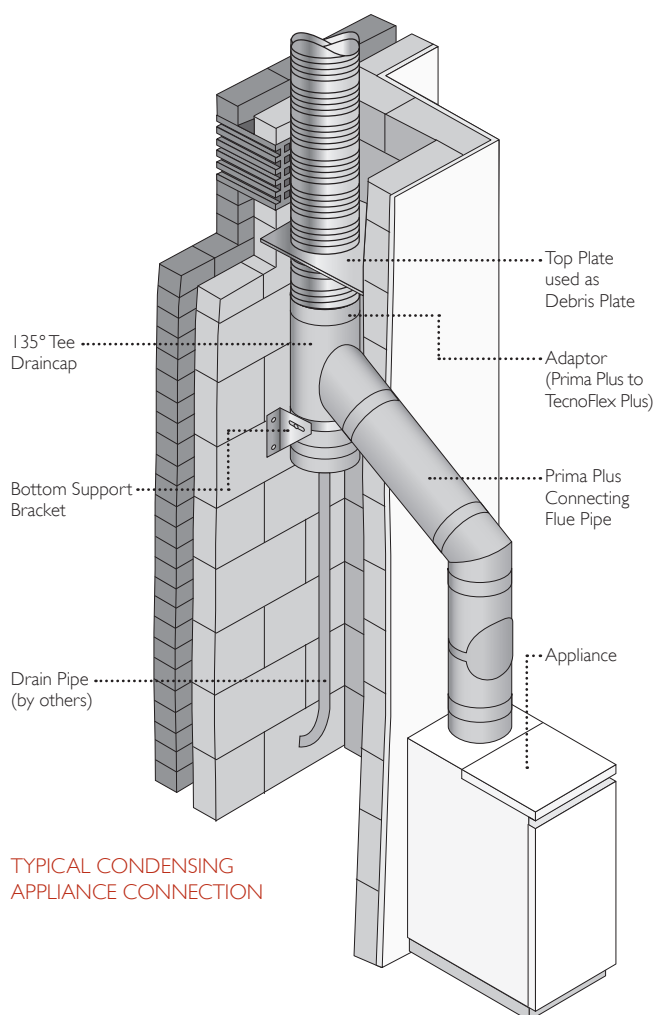
Prima Plus is a high quality 316L Grade stainless steel single connecting flue pipe system designed for use on gas and oil appliances.

With the simple addition of a lip seal to the male spigot, the Prima Plus system can be used on condensing gas and oil appliances with continuous operating temperatures of up to 200°C and positive pressure of up to 200Pa at the appliance outlet.

- Simple push fit connection.
- Easy to fit lip seals for condensing applications.
- Advanced corrosion resistant design.
- Diameter range 80 - 200mm



JOINTING SYSTEM



TYPICAL CONDENSING
APPLIANCE CONNECTION

APPROVALS



Prima Plus is CE Certified to
EN1856-2 TÜV 0036 CPR 9195 017 with designations:

Low Temperature Applications

Connecting Flue Pipe T200 PI WV2 L50060 O 200M

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

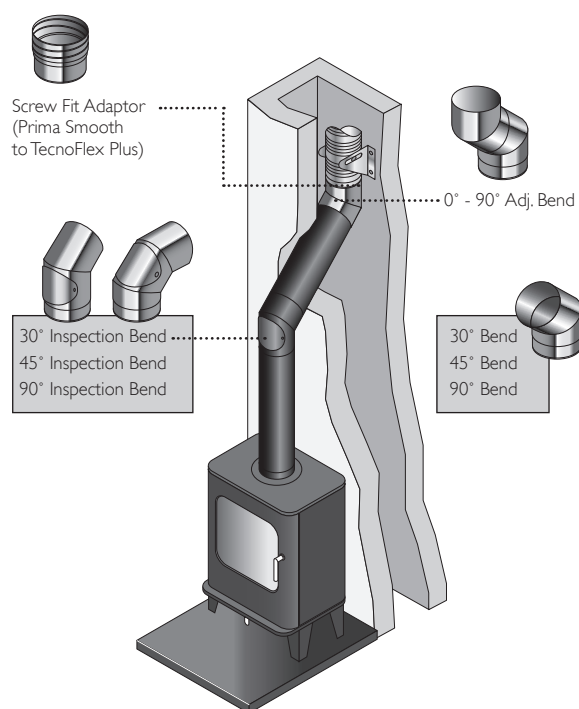
For a direct link to the
Prima Plus page
on the website
scan the QR code.



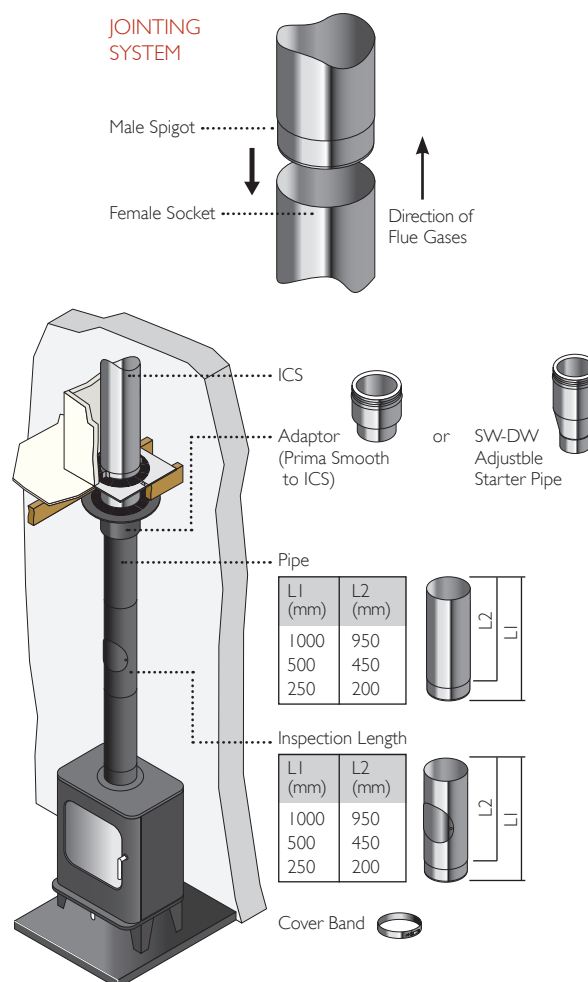
Prima Smooth - Connecting Flue Pipe for Solid Fuel & Wood Burning Appliances

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

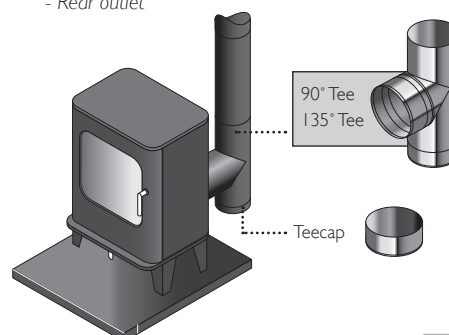
- 316L Grade Stainless Steel
- Attractive appearance
- Lightweight
- Available in matt black or steel finish
- Internal Diameter range 125, 150, 180, 200mm
- Available in 0.6mm and 1mm options



EXISTING MASONRY CHIMNEY
Prima Smooth connecting to
Tecnoflex Plus Chimney Liner



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



APPROVALS



Prima Smooth is CE Certified to
EN 1856-2 TÜV 0036 CPR 9195 029 with designations:

Applications
<p>T600 NI W V2 L50050 GXX NM T600 NI W V2 L50100 GXX NM (XX = 3 x Ø Int. of Pipe)</p>

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

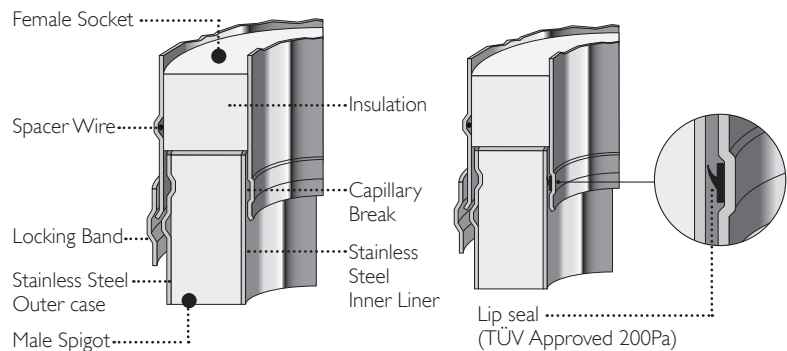


ICS - System Chimney

Gas, Oil, Multi-fuel & Biomass Appliances

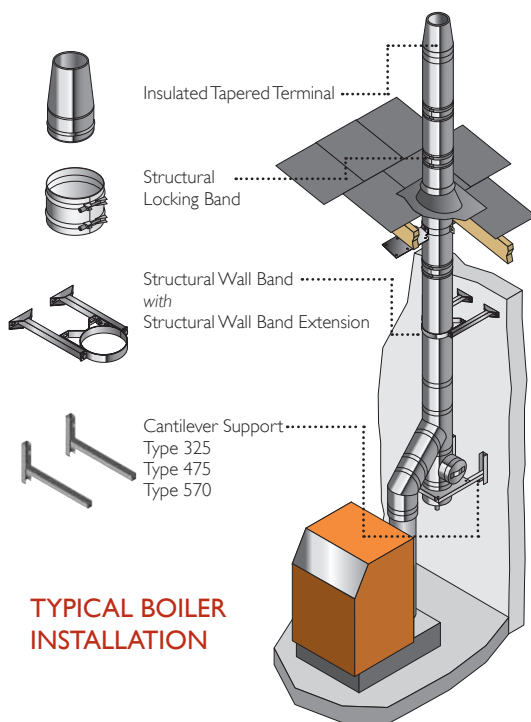
The twin wall insulated system chimney purpose designed to provide solutions to your flueing requirements, on applications from condensing boilers through to multi-fuel appliances.

- Simple push fit joint system
- Advanced corrosion resistant design
- Capillary break prevents moisture being drawn through joint
- No thermal bridge
- High efficiency Superwool blanket insulation

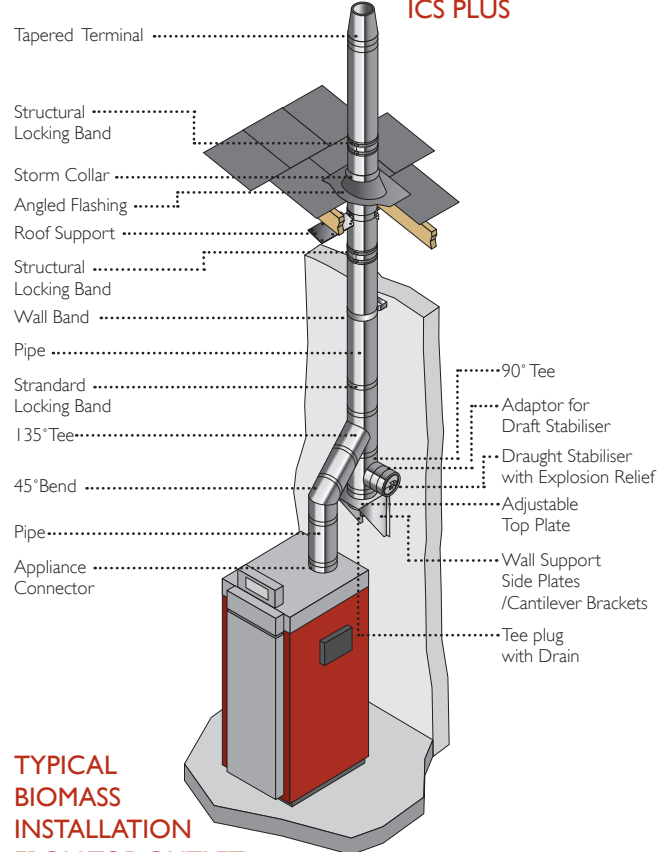


ICS

ICS PLUS



TYPICAL BOILER INSTALLATION



TYPICAL BIOMASS INSTALLATION FROM TOP OUTLET

APPROVALS



ICS is CE Certified to
EN1856-1 TÜV 0036 CPR 9195 001 with designations:

High Temperature Applications		Low Temperature Applications
T450 NI W V2 L50050 G60 T450 NI D V3 L50050 G60 60mm distance to combustibles in a combustible shaft	T450 NI W V2 L50050 G50 T450 NI D V3 L50050 G50 50mm distance to combustibles in a non combustible shaft or in free air	T200 PI W V2 L50050 O00 Zero distance to combustibles

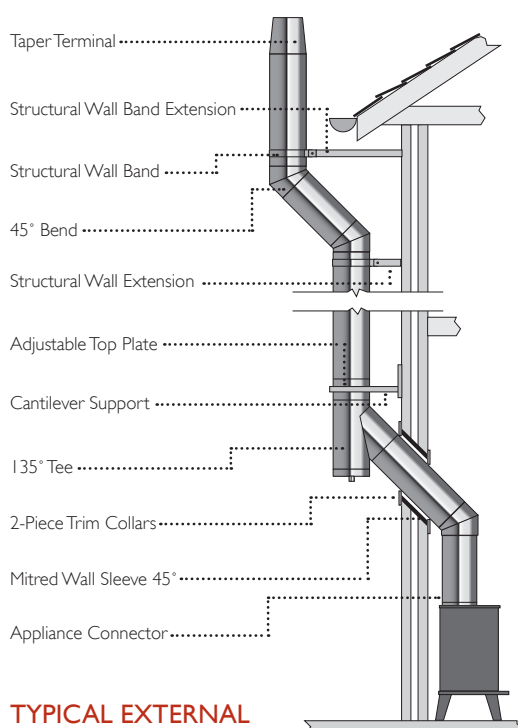
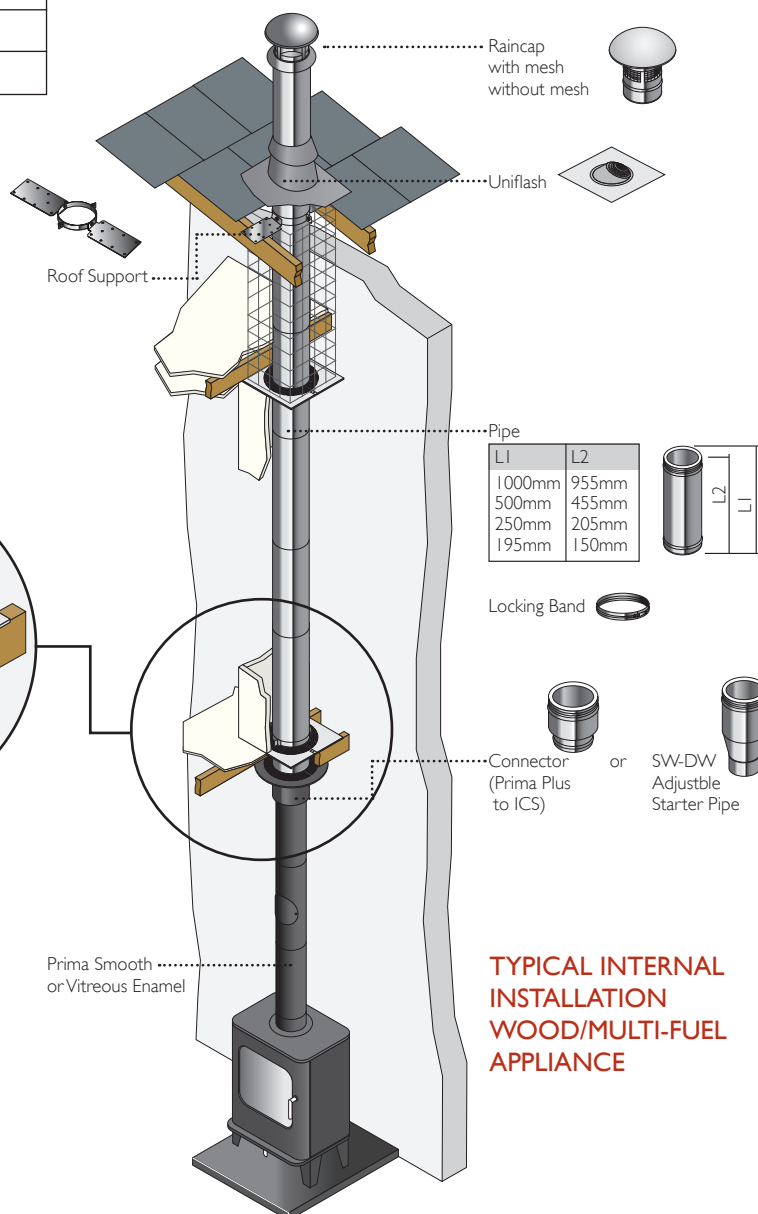
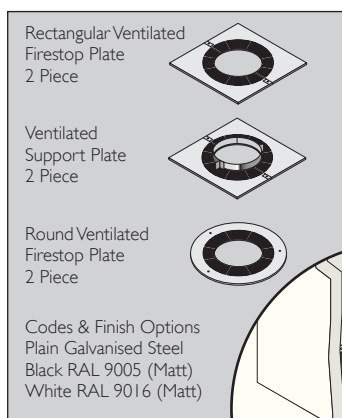
- Kitemarked to BS4543 Parts 2 & 3 for gas, oil and solid fuel (Ø 80mm - 200mm inclusive)
- Manufactured under a Quality Management Scheme approved to BS EN ISO 9001:2008
- 4 Hour Fire Rating to BS476 Part 20
- Certified for corrosion resistance on gas, oil and solid fuel by MPA and TÜV
- HETAS listed for use on solid fuel applications.

DISTANCE BETWEEN ICS & COMBUSTIBLE MATERIAL

In accordance with building regulations its 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 ICS are as follows:

Fuel	Shaft & floor made from combustible materials	Shaft & floor made from non-combustible materials
Wood/Solid Fuel	60mm	60mm
Oil & Gas > 200°C	50mm	50mm
Oil & Gas < 200°C	0mm	0mm

VENTILATED FIRESTOP PLATES - COMBUSTIBLE FLOOR



TYPICAL EXTERNAL INSTALLATION

TYPICAL INTERNAL INSTALLATION WOOD/MULTI-FUEL APPLIANCE

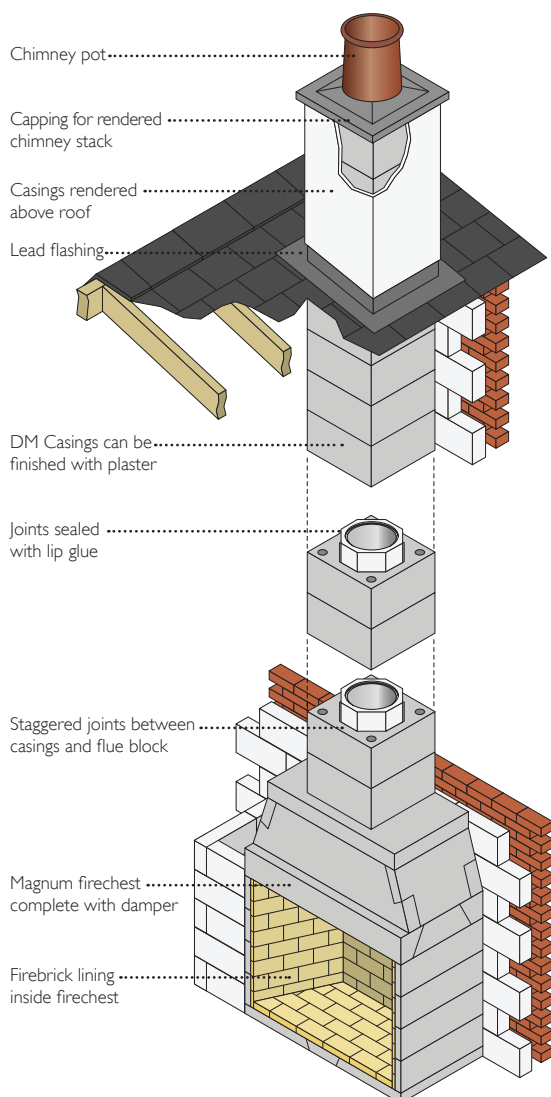
For a direct link to the ICS Brochure scan the QR code.



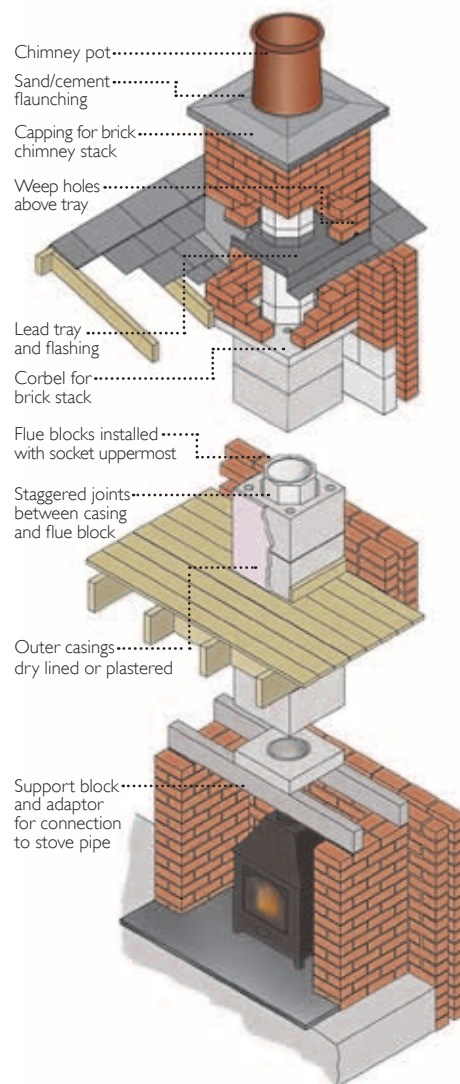
DM Double Module Block for Stoves, Inserts, Open Fires & Cookers

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



**LARGE FIRE OPENING CREATED
WITH MAGNUM FIRECHEST**



**FREE STANDING
STOVE IN A RECESS**

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

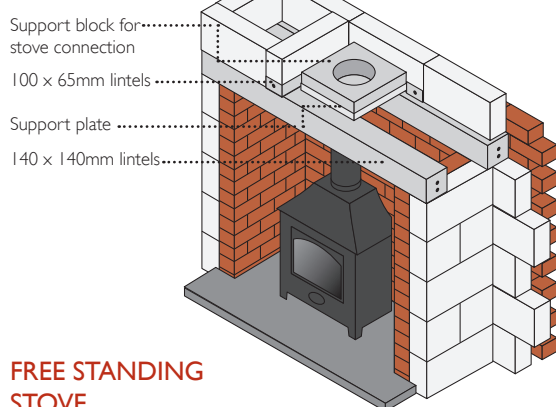
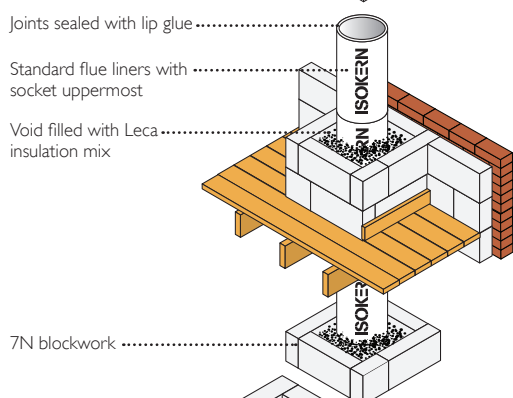
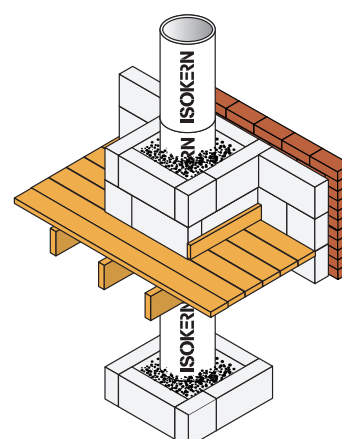
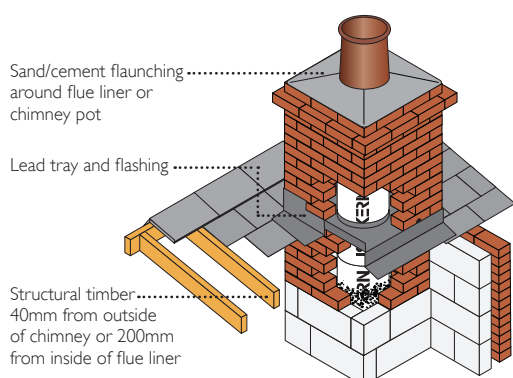
Liner System - for new and existing chimneys

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

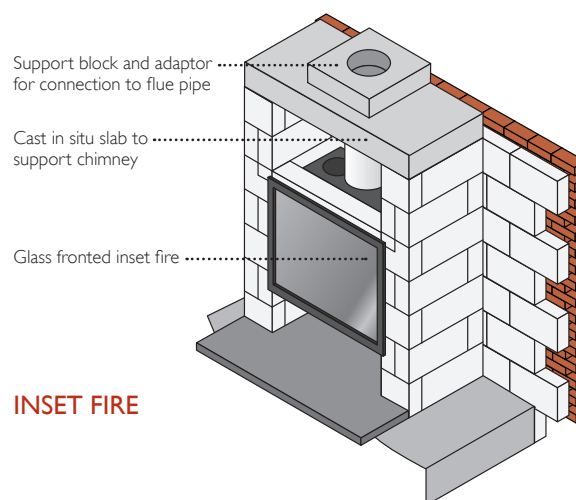
The insulated flue liner for traditional build

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



INSET FIRE



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

Complementary products and services from Schiedel Chimney Systems



ICS

Twin Wall Insulated System Chimney for gas, oil and multi-fuel applications.

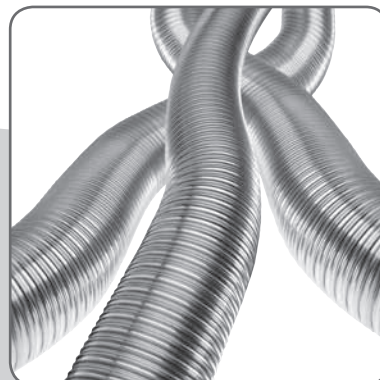
- Simple push-fit jointing system
- High efficiency Superwool insulation blanket
- Capillary break prevents moisture being drawn through the joint
- 80-300mm Diameter range



PRIMA PLUS

Single Wall Stainless Steel Flue System.

- Prima Plus available 0.6mm or 1mm options for domestic multi-fuel stoves
- Prima Plus for large residential & commercial condensing gas & oil appliances & chimney relining
- 80-300mm Diameter range



TECNOFLEX PLUS

For relining existing chimneys to take gas, oil, wood, multi-fuel appliances and open fires.

- The new unique chimney liner with the extra strong lock
- Twin skin TecnoFlex Plus available in 316L or 904L options for oil, wood, multi-fuel & open fires
- 80-300mm Diameter range



PRIMA SMOOTH

Single Wall Stainless Steel Connecting Flue Pipe for use on wood and multi-fuel applications.

- 316L Grade stainless steel
- Available in matt black or steel finish
- Excellent aesthetics
- Lightweight
- 125-200mm internal diameters



BVENT

Twin Wall Gas Vent System.

- Residential & small commercial applications
- Gas appliances up to 60kW input
- 100-150mm internal diameters



DM & LINERS

Pumice System Chimneys, Firechests and Liners.

full details at **www.schiedel.co.uk**

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