

# Installation Guidelines

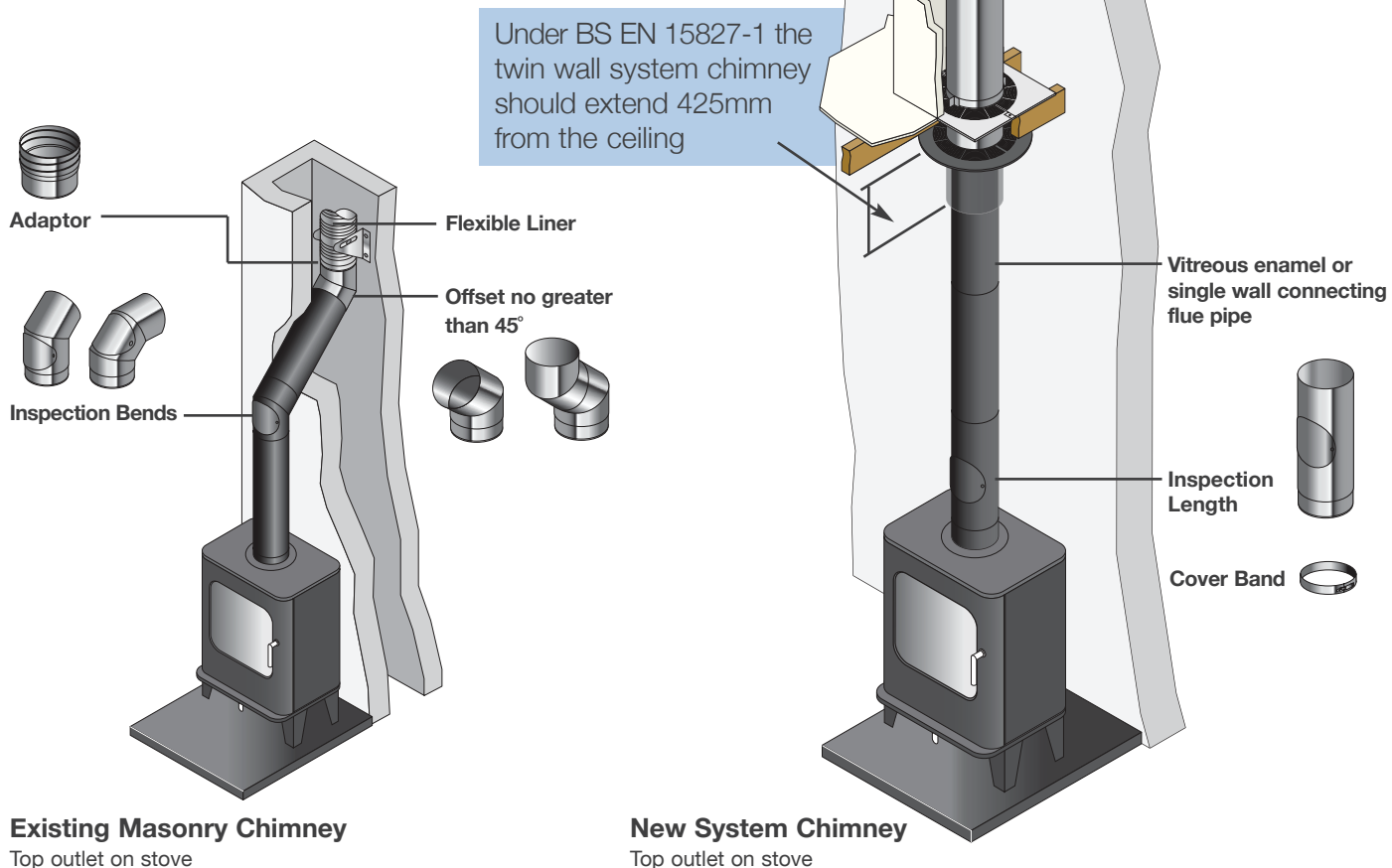
**for Wood Burning &  
Multi Fuel Appliances**

Published by the  
British Flue and Chimney Manufacturers Association.  
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# Wood Burning & Multi Fuel Stoves

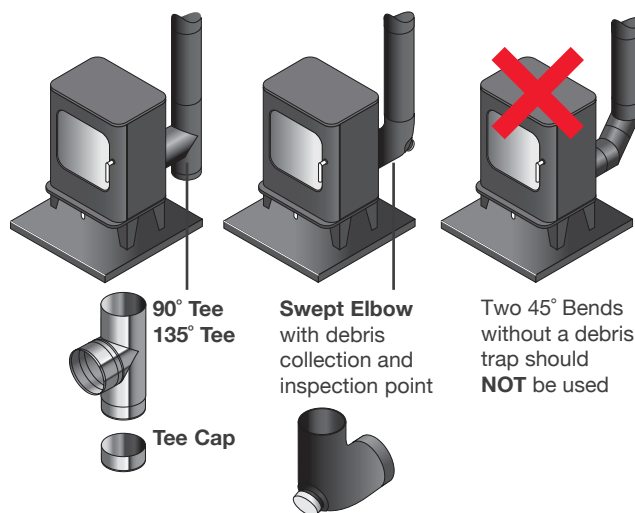
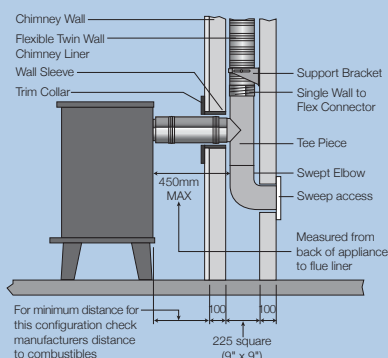
## Connecting Flue Pipe

The stove should be connected to the flue using vitreous enamel or 1mm thick single wall stainless steel pipe.



Under BS EN 15827-1 there should be a straight length of 600mm before a change in direction. The flue can be horizontal for a maximum of 450mm. The flue can be single wall or double wall.

This diagram shows one of the alternative installation methods. The 5 options are shown on the page headed - Alternative Methods of Installation.



Connection methods for rear outlet stoves

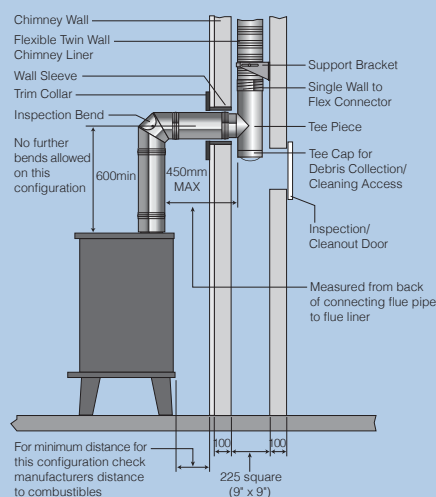
Installations shown are by way of illustration only. Manufacturer's installation instructions should always be consulted before installation.

# Wood Burning & Multi Fuel Stoves

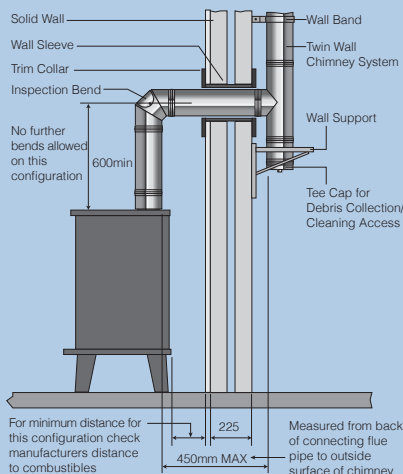
## Alternative methods of installation of under BS EN 15287-1

Under the new BS EN 15287 the horizontal distance for the connecting flue can be up to a maximum of 450mm provided:

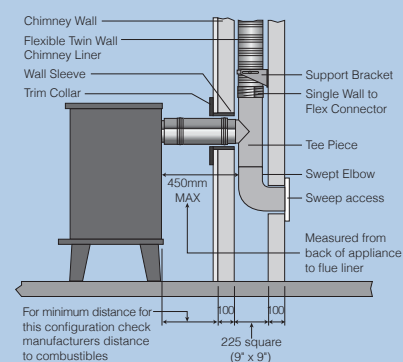
- A Defra exempt appliance or an appliance, which is limited to burning authorised smokeless fuel only, is installed.
- A calculation according to BS EN 13384-1 has indicated safe operation of the proposed configuration, and the results of the calculation are left with the householder along with the appliance installation instructions.
- The chimney manufacturer appliance manufacturers agree 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.



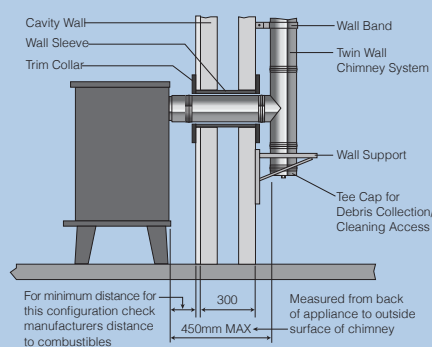
**Top outlet twin wall connecting flue pipe into re-lined masonry chimney**



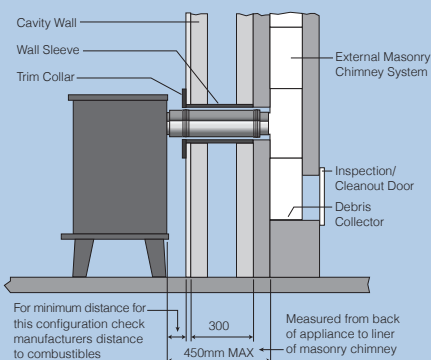
**Top outlet twin wall connecting flue pipe through solid wall into twin wall system chimney**



**Rear outlet twin wall connecting flue pipe into re-lined masonry chimney**



**Rear outlet twin wall connecting flue pipe through cavity wall into twin wall system chimney**



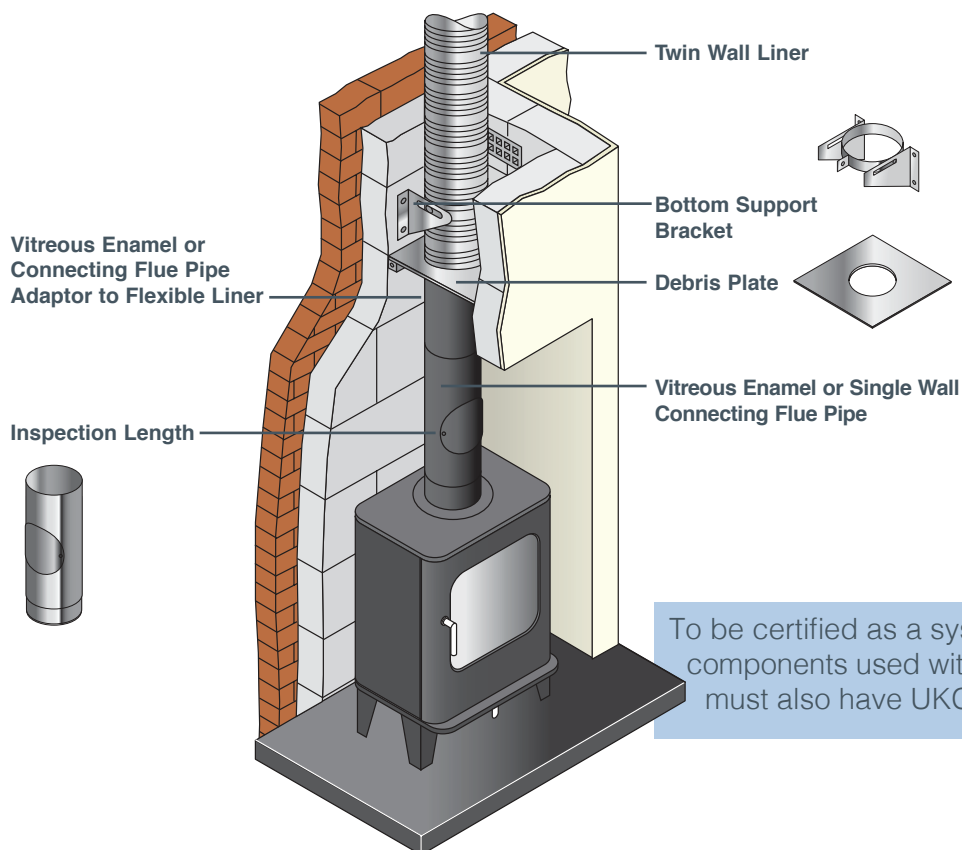
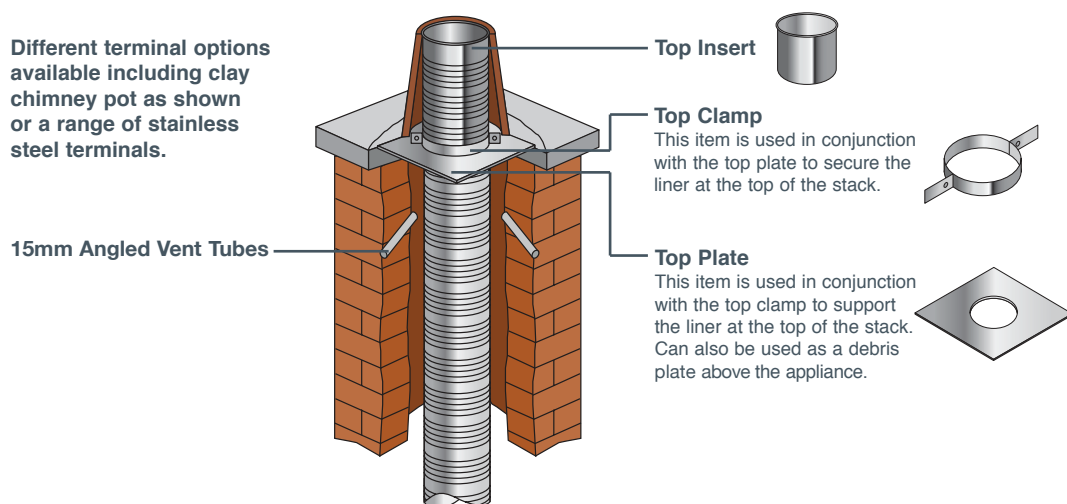
**Rear outlet twin wall connecting flue pipe into external masonry chimney through a cavity wall**

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# Wood Burning & Multi Fuel Stoves

## Existing Chimneys

Relining an existing chimney  
with twin wall flexible liner



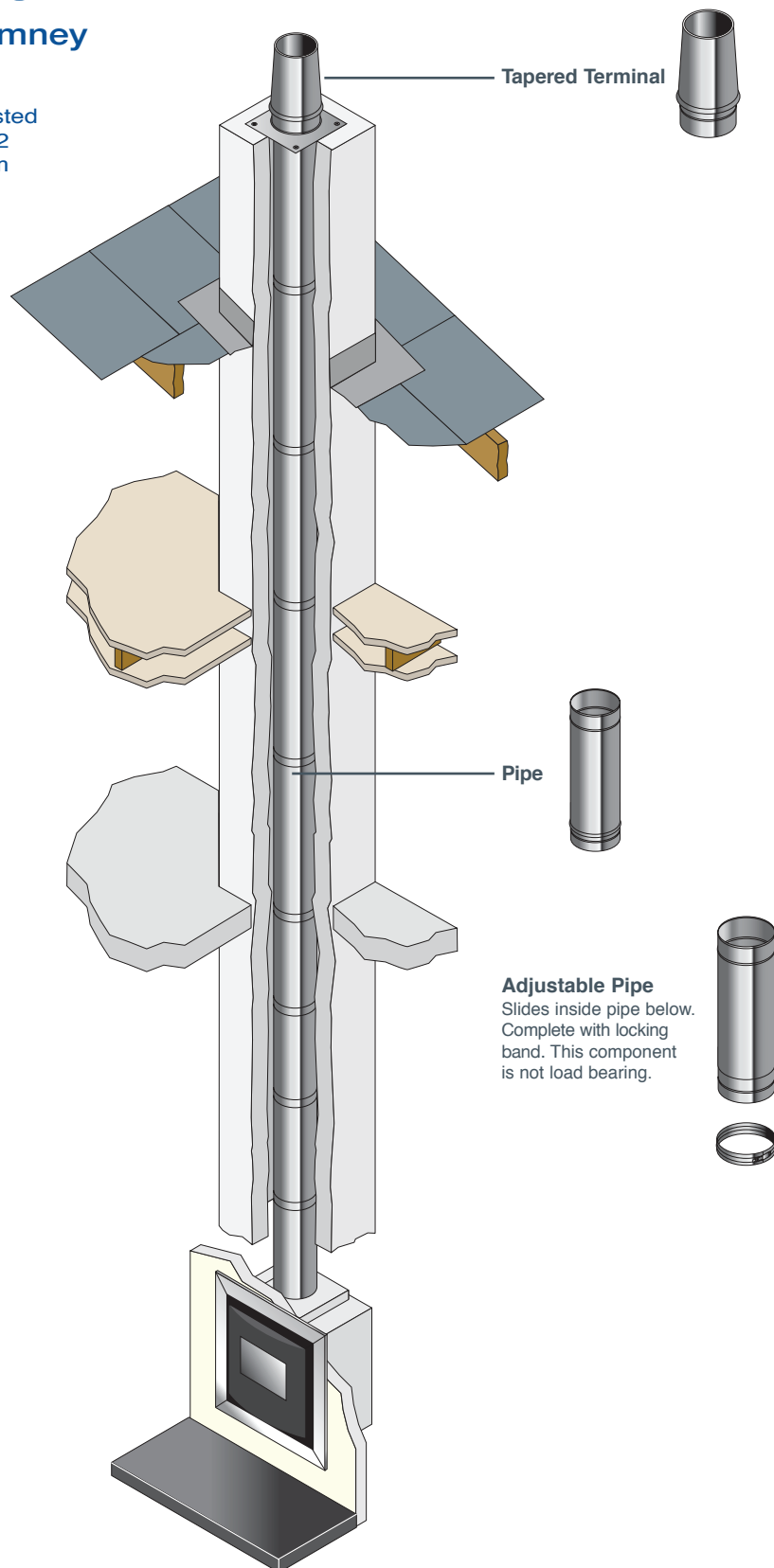
To be certified as a system chimney the components used with the flexible liner must also have UKCA/CE Approval

# Wood Burning & Multi Fuel Stoves

## Existing Chimneys

### Relining an existing chimney with single wall liner.

If the 0.6mm thick liner has been tested in accordance with BSEN1856 part 2 then it may be used. If not then 1mm single wall liner must be used.

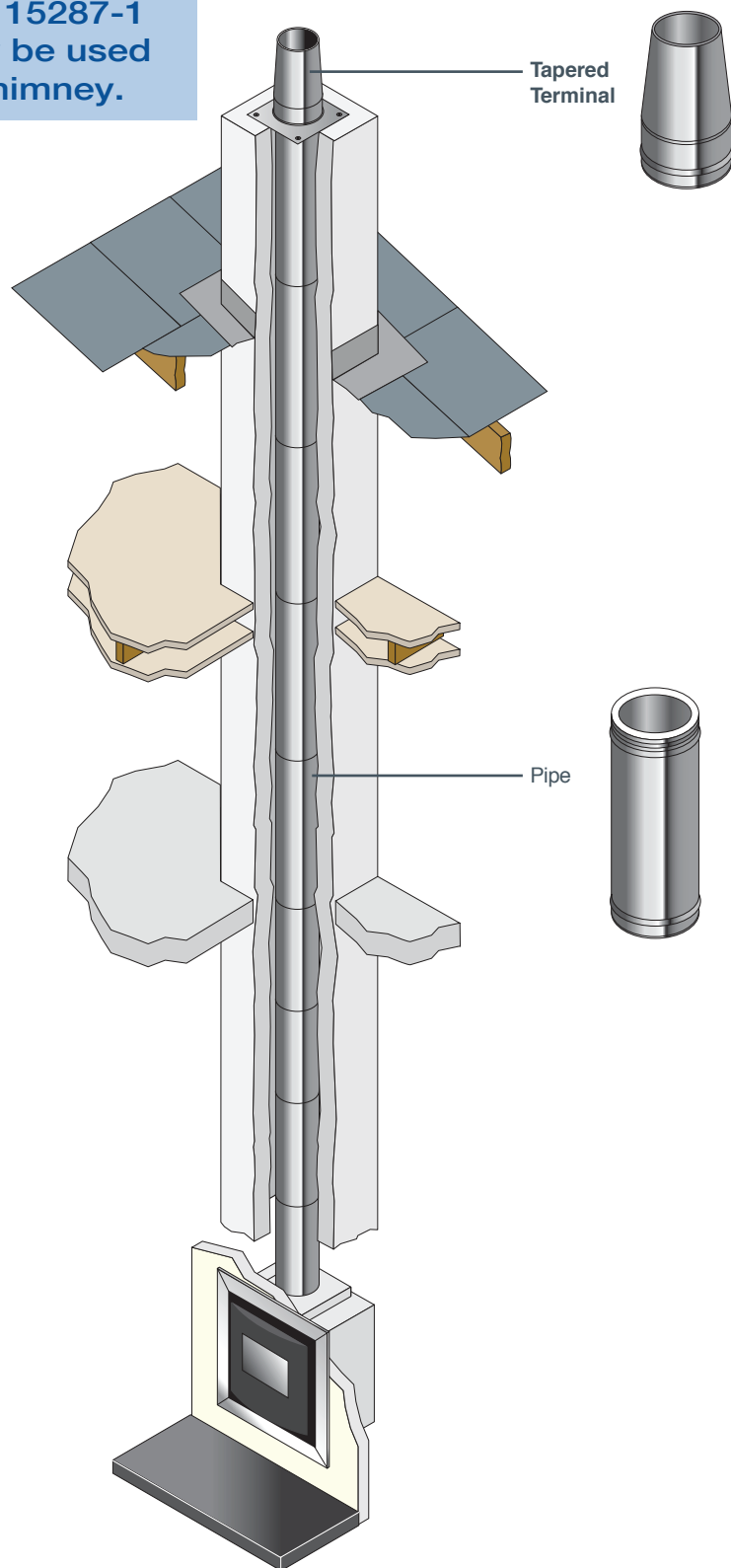


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# Wood Burning & Multi Fuel Stoves

## Existing Chimneys

Under the new BS EN 15287-1 twin wall flue can now be used to reline an existing chimney.

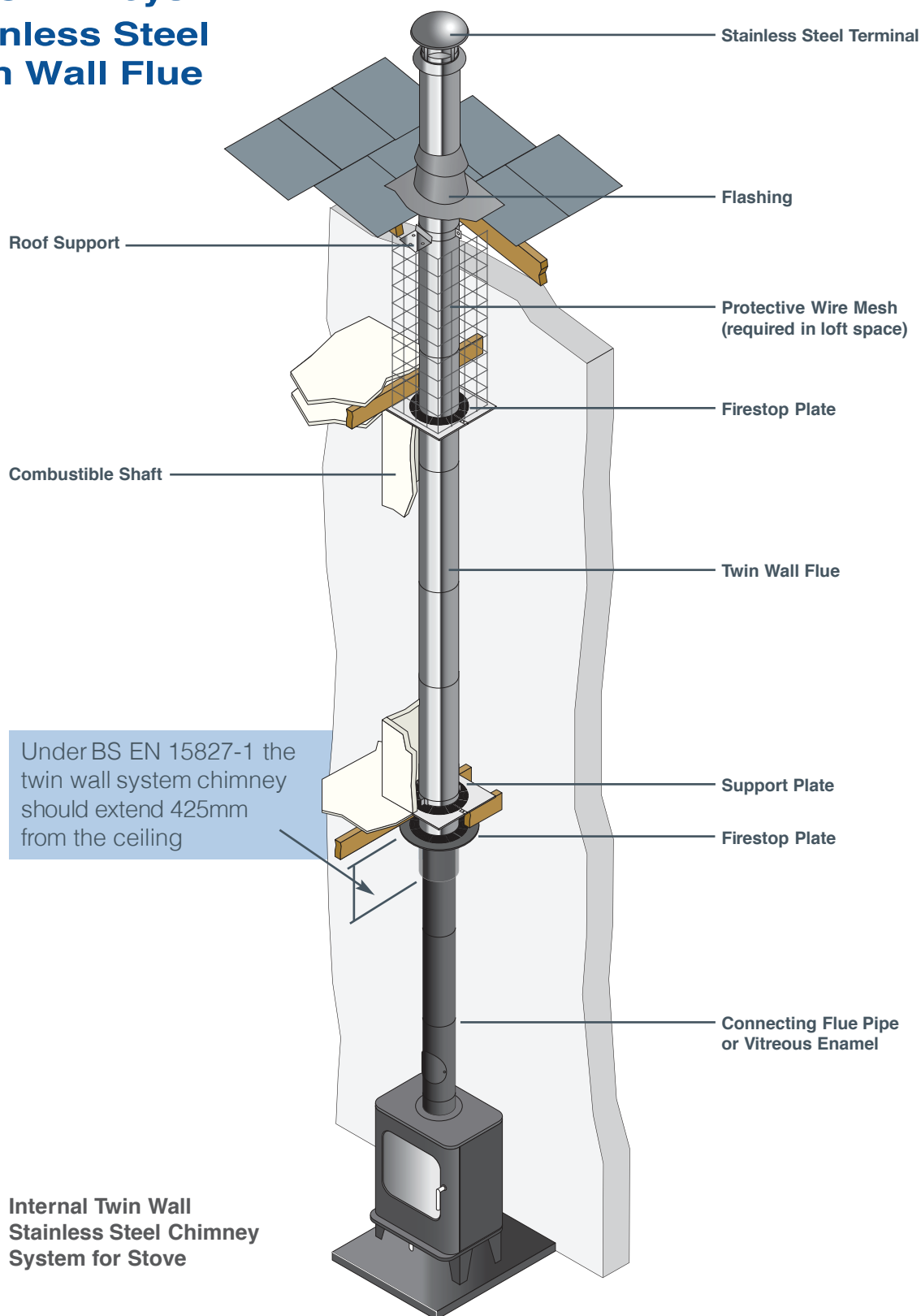


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# Wood Burning & Multi Fuel Stoves

## New Chimneys

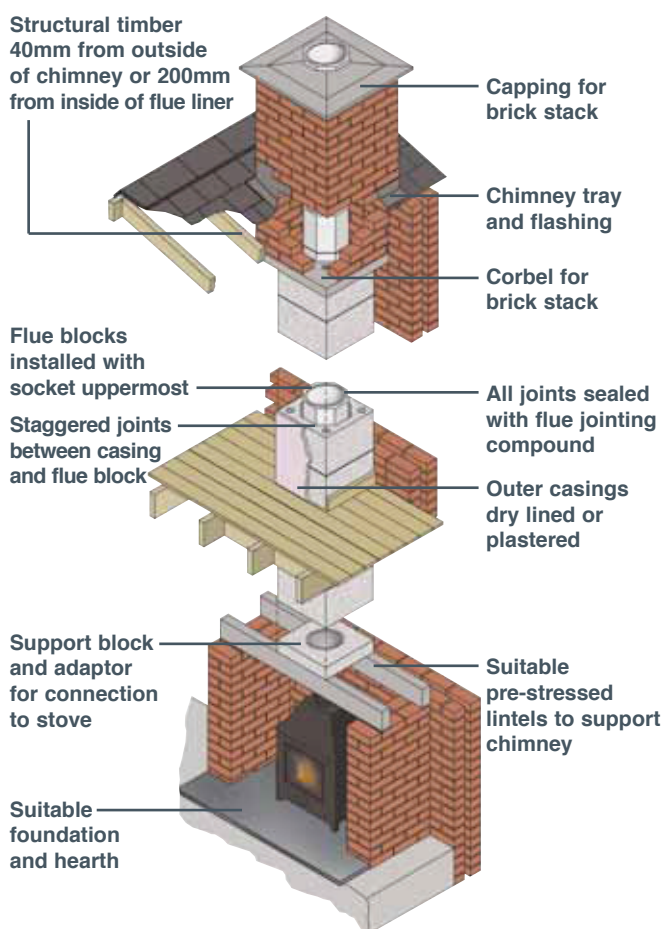
### - Stainless Steel Twin Wall Flue



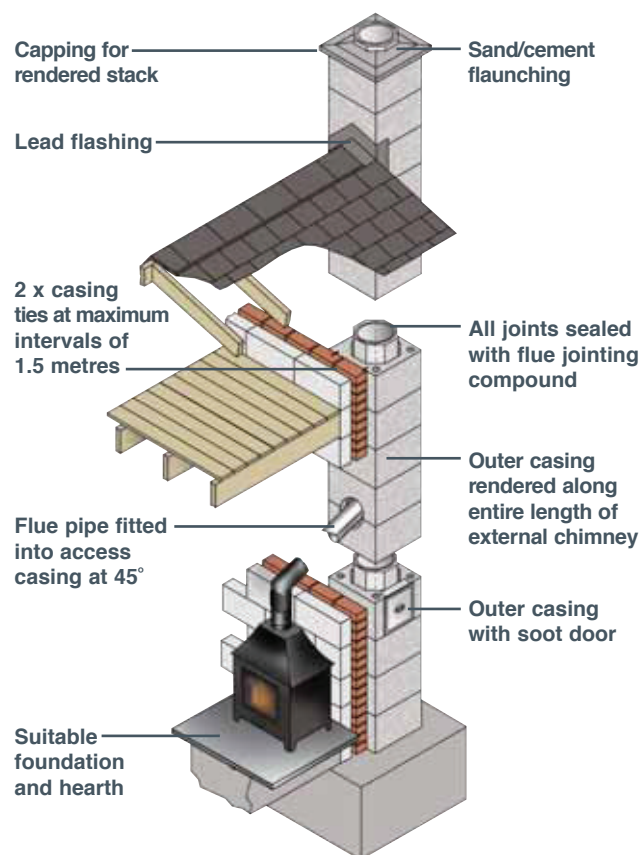


# Wood Burning & Multi Fuel Stoves

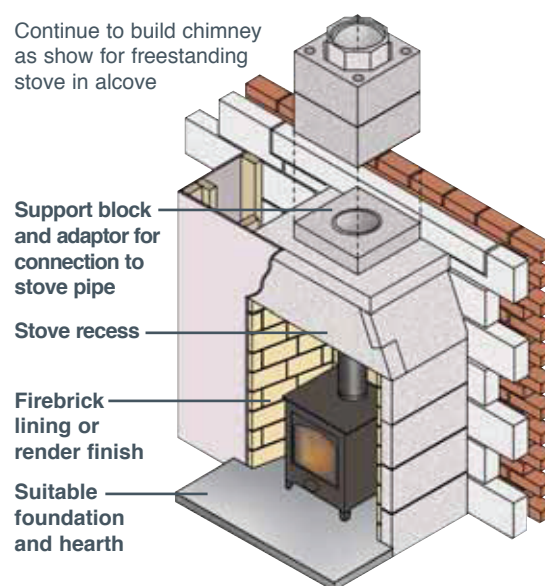
## Clay Concrete & Pumice - Chimney Systems



**Free Standing Stove in an Alcove**



**Free standing stove with external chimney with preformed stove entry kit**



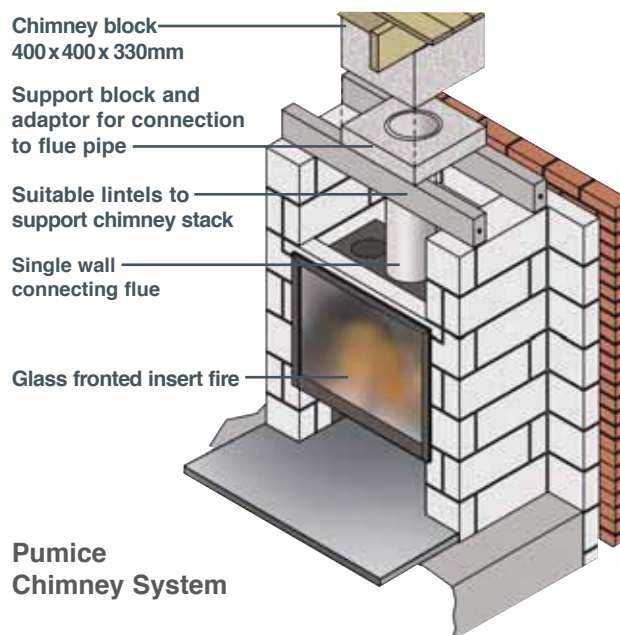
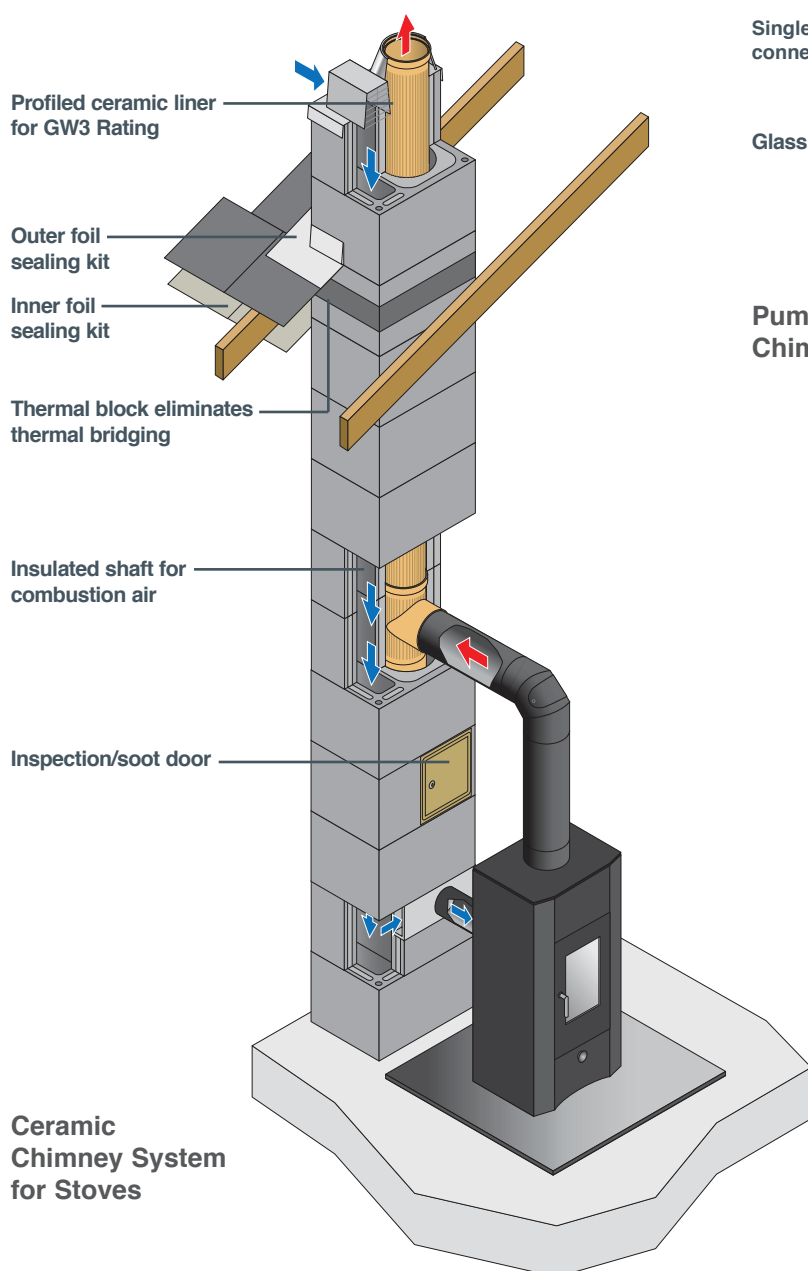
**Stove Recess**

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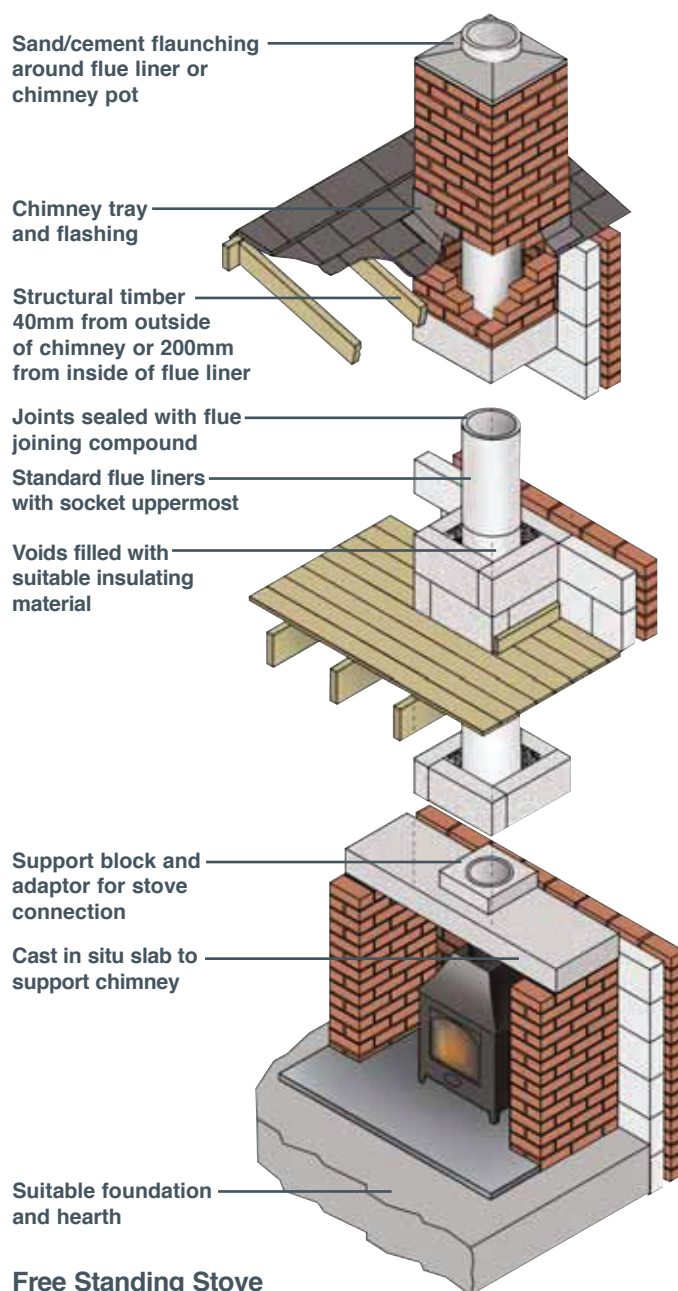
# Wood Burning & Multi Fuel Stoves

## Clay Concrete & Pumice - Chimney Systems

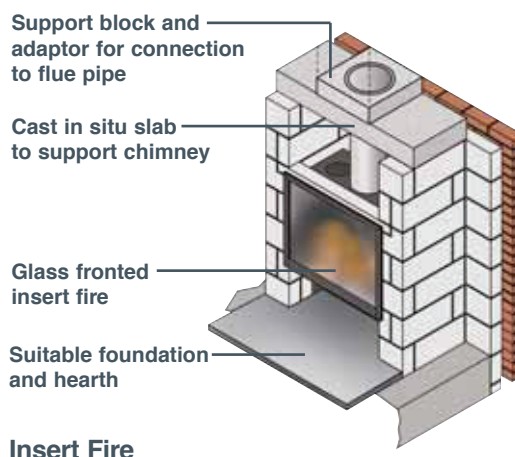


# Wood Burning & Multi Fuel Stoves

## Clay Concrete & Pumice - Liners

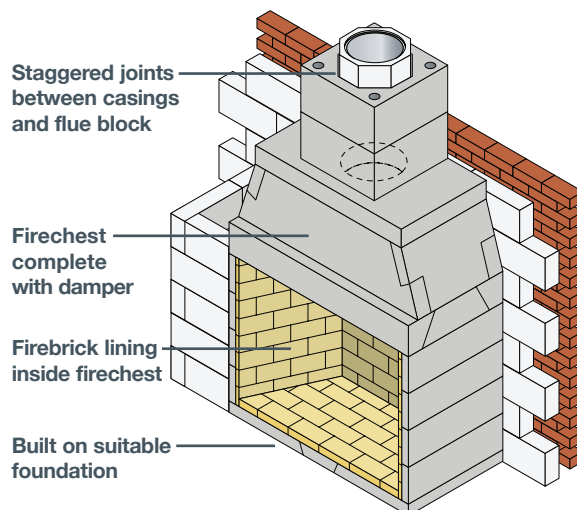
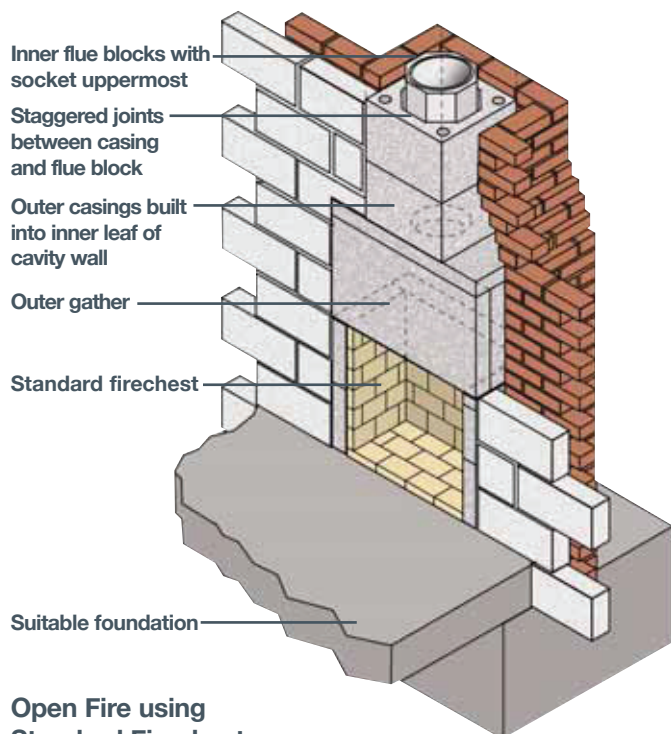
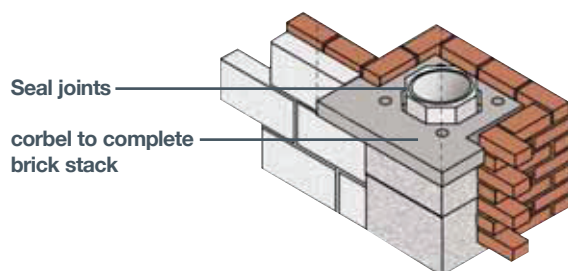
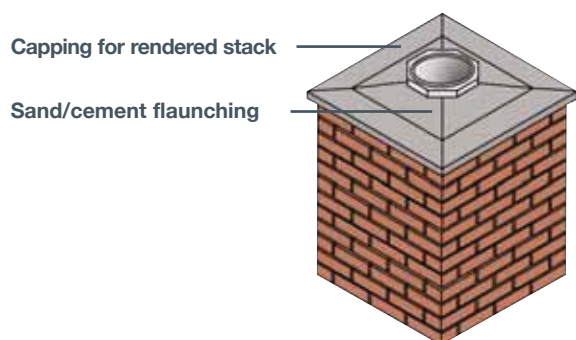


Continue to build chimney  
as in free standing stove



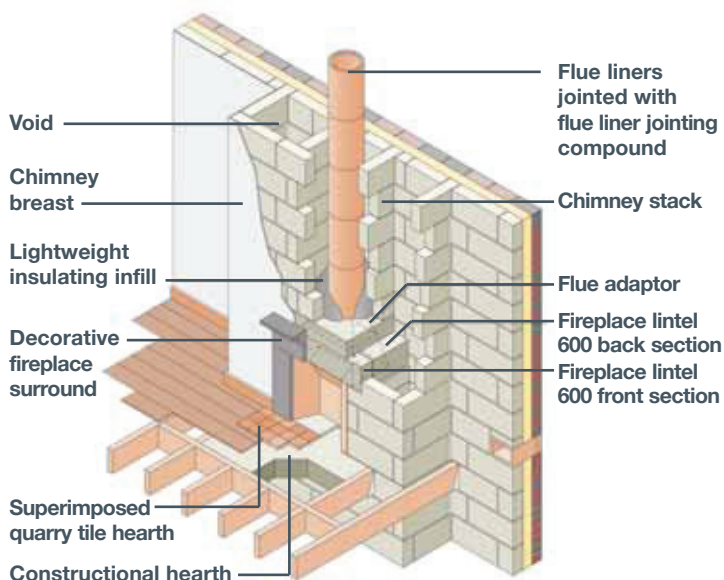
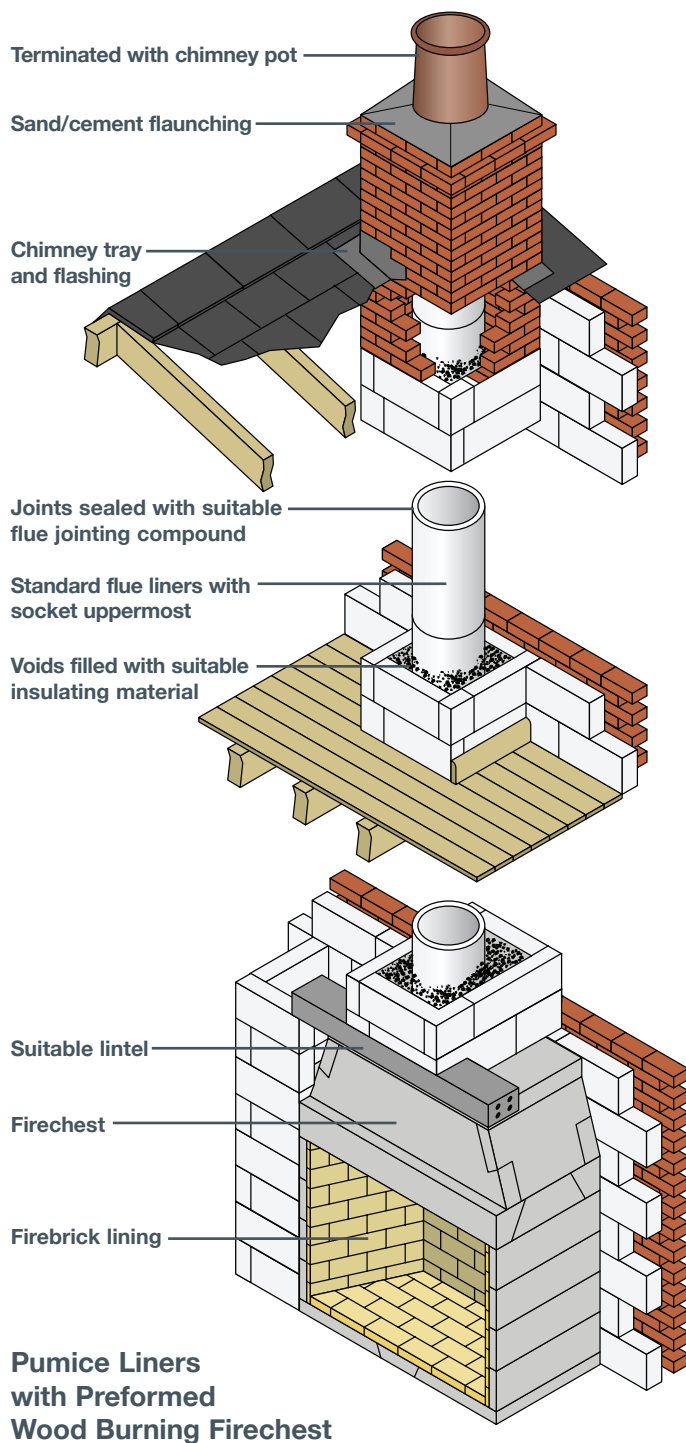
# Open Fires

## Clay Concrete & Pumice - Chimney Systems



# Open Fires

## Clay Concrete & Pumice - Liners



**Standard Methodology for  
Clay, Concrete & Pumice Liners**

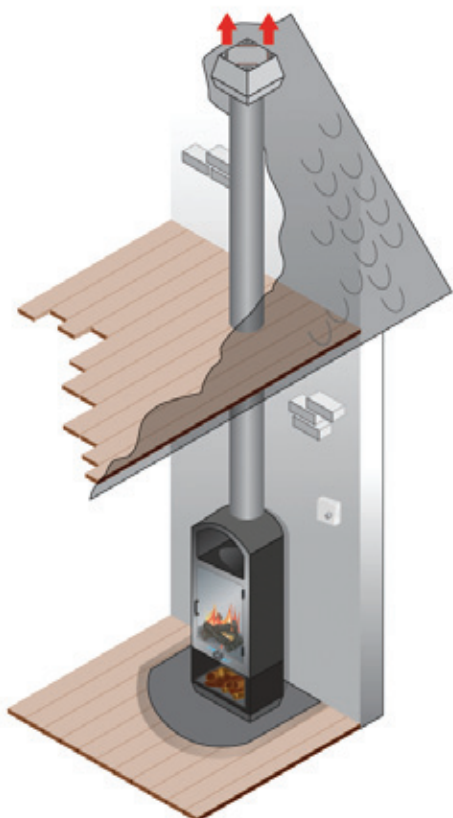
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Drawings courtesy of Schiedel Chimney Systems except Standard Methodology for Clay, Concrete & Pumice Liners; courtesy of Wavin.



# Wood Burning & Multi Fuel Appliances

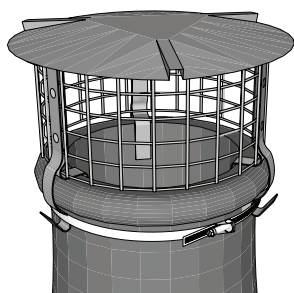
## Chimney Fan System



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## Examples of Terminals

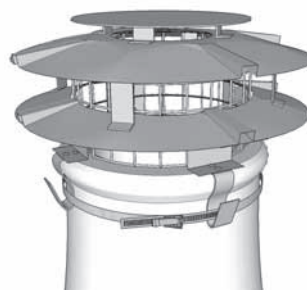
### Examples of Stainless Steel Terminals, Birdguards & Anti-Downdraught Terminals



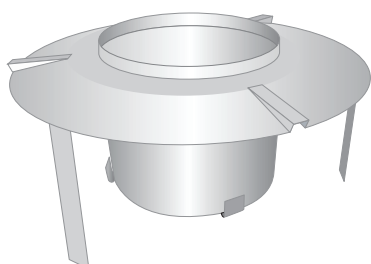
**Birdguard  
fitted to Chimney Pot**



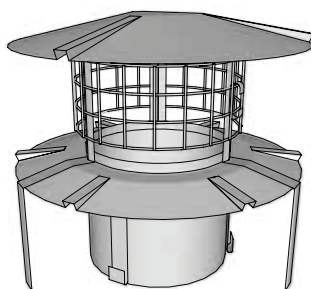
**Raincap  
fitted to Chimney Pot**



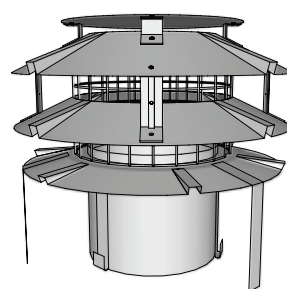
**Solid Fuel Anti-Downdraught  
fitted to Chimney Pot  
(with or without mesh)**



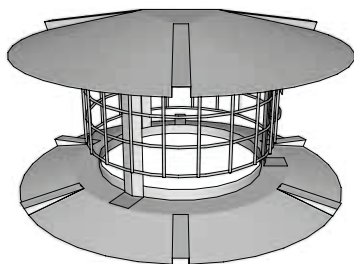
**Pot Hanger  
fitted to Twin Wall Flexible Liner**



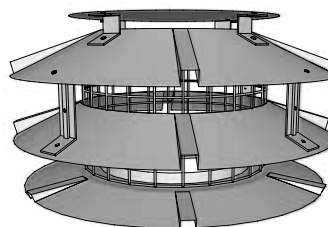
**Birdguard Pot Hanger  
fitted to Twin Wall Flexible Liner  
(with or without mesh)**



**Anti-Downdraught Pot Hanger  
fitted to Twin Wall Flexible Liner  
(with or without mesh)**



**Birdguard  
fitted to Twin Wall System  
(with or without mesh)**



**Anti-Downdraught  
fitted to Twin Wall System  
(with or without mesh)**

Installations shown are by way of illustration only. Manufacturer's installation instructions should always be consulted before installation.

## List of Members

### **Brewer Metalcraft**

Units C & D,  
Ford Lane Industrial Estate,  
Ford, Arundel,  
West Sussex,  
BN18 0DF,  
T: 01243 539 639  
E: sales@brewercowls.co.uk  
[www.brewercowls.co.uk](http://www.brewercowls.co.uk)

### **M&G Group Europe Ltd**

2 The Oaks,  
Mill Farm Courtyard,  
Beachampton,  
MK19 6DS,  
T: 01908 569887  
E: info@mg-group.com  
[www.mg-group.com](http://www.mg-group.com)

### **Poujoulat (UK)**

Unit 1, Quadrum Park,  
Old Portsmouth Road,  
Guildford,  
Surrey,  
GU3 1LU,  
T: 01483 461700  
E: sales@poujoulat.co.uk  
[www.poujoulat.co.uk](http://www.poujoulat.co.uk)

### **Dinak S A**

Plot A, Opus Aspect,  
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Erdington,  
Birmingham,  
B24 0QY,  
T: 0121 272 4830  
E: jfarrell@dinak.com  
[www.dinak.com](http://www.dinak.com)

### **Midtec Products Ltd**

Unit 3B Clos Fferws,  
Capel Hendre,  
Ammanford,  
Wales,  
SA18 3BL,  
T: 01269 505 715  
F: 01269 505 710  
E: sales@midtec.co.uk  
[www.midtec.co.uk](http://www.midtec.co.uk)

### **Schiedel Chimney Systems**

Crowther Estate, Washington,  
Tyne & Wear,  
NE38 0AQ  
*Schiedel Rite-Vent*  
T: 0191 416 1150  
*Schiedel Isokern*  
T: 01202 861650  
E: info.uk@schiedel.com  
[www.schiedel.com/uk](http://www.schiedel.com/uk)

### **Exodraft**

10 Crestway,  
Tarleton,  
Preston,  
PR4 6BE,  
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E: info@exodraft.co.uk  
[www.exodraft.co.uk](http://www.exodraft.co.uk)

### **Midtherm Flue Systems**

Kirklands Estate,  
New Road,  
Netherton,  
Dudley,  
West Midlands,  
DY2 8SY,  
T: 01384 458800  
E: sales@midtherm.net  
[www.midtherm.co.uk](http://www.midtherm.co.uk)

### **SFL Flues & Chimneys**

Pottington Business Park,  
Barnstaple,  
Devon,  
EX31 1LZ,  
T: 01271 326633  
E: info@sflchimneys.com  
[www.sflchimneys.com](http://www.sflchimneys.com)

### **Forterra Building Products**

Atherstone Road,  
Measham,  
Swadlincote,  
Derbyshire,  
DE12 7EL,  
T: 01530 273737  
E: redbanksales@forterra.co.uk  
[www.forterra.co.uk](http://www.forterra.co.uk)

### **Mi-Flues**

Spiro House,  
Cocker Avenue,  
Poulton Business Park,  
Poulton-Le-Fylde,  
Lancashire,  
FY6 8JU,  
T: 01253 600060  
E: sales@mi-flues.com  
[www.mi-flues.com](http://www.mi-flues.com)

### **Wavin Hepworth Terracotta**

Edlington Lane,  
Edlington,  
Doncaster,  
South Yorkshire,  
DN12 1BY,  
T: 0844 856 5152  
E: customerservices@wavin.co.uk  
[www.wavin.co.uk](http://www.wavin.co.uk)

### **Jeremias UK**

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Forest Town,  
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NG19 0FQ,  
T: 01623 889219  
E: info@jeremias-fluesystems.co.uk  
[www.jeremias-fluesystems.co.uk](http://www.jeremias-fluesystems.co.uk)

### **Premier Flue**

Crossley Works, Stockfield Mount,  
Off Peel Street, Chadderton,  
Oldham,  
Lancashire,  
OL9 9LR,  
T: 0161 678 2998  
E: sales@premierflue.co.uk  
[www.premierflue.co.uk](http://www.premierflue.co.uk)

### **W.T. Knowles & Sons**

Ash Grove Pipe Works,  
Elland,  
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HX5 9JA,  
T: 01422 372 833  
E: sales@wtknowles.co.uk  
[www.wtknowles.co.uk](http://www.wtknowles.co.uk)