

*exceptional pumice for all
your chimney requirements*

anki[®]
chimney systems





Pumice, a natural material extracted from the heart of the earth to be at the heart of the chimney.

Anki Chimneys are made from volcanic pumice sourced from the Hekla Volcano in Iceland.

The pumice is shipped to Denmark where it is formed into chimney products that are capable of performing in the extreme conditions created by a chimney fire and the hardest frosts that we can experience.



NATURAL PROPERTIES OF PUMICE

Resistant to temperature change

Pumice has minimal thermal expansion reducing 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 unlike other chimney materials which allow the temperature to fall below the dew point. This makes it ideal for wood burning stoves.

Lightweight

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



Exceptional insulation and longevity and suitable for all fuel types.



The simplest and most cost effective way of building a chimney.

Anki products can be used for building new chimneys and for the refurbishment of existing chimneys.

All Anki systems are lightweight and easily installed. They are suitable for use with gas, oil, solid fuel and wood burning appliances in new and renovation projects.

The Anki products are ideal for timber frame and steel frame construction and also suitable for thatched properties.

SINGLE MODULE CHIMNEYS

Anki single module blocks are a quick, simple and cost effective way to incorporate a first class chimney into a property.

This space saving block is ideal for new build projects (especially timber framed properties) or new chimneys to existing properties. The single module consists of a chimney block with an integral liner.

ROUND LINERS

Anki round liners are ideal for new build projects and new chimneys to existing properties. They are especially suited to building chimneys in conjunction with traditional brick or block materials

The round liner is also ideal for the re-lining of existing chimneys. It effectively renews the chimney completely from top to bottom, sealing off any cracking and leakage in the chimney stack and improving the overall stability of the chimney.

Anki liners are available in a wide range of sizes.

All Anki products are CE approved.



The single module block is a quick, simple and cost effective way to incorporate a first class chimney into a property. It is ideal for new build situations – especially for timber framed properties. The single module consists of a chimney block with an integral liner. Never has building a chimney been so simple.



STRUCTURAL TIMBER CLEARANCES

Where a chimney is required to pass through a structural floor a sliding joint must be made by using mineral wool or similar non-combustible material. A minimum of 40mm clearance must be maintained between the outer face of the chimney and any structural timber or loose combustible material. Floor boards, skirting boards and

other non-structural components, may however, be in contact with the chimney.

FIXINGS

An external chimney must be tied to the structure at maximum intervals of 1.5m and at the point where it departs from the roof line. Stainless steel ties should be used to fix the castings.

HEIGHTS ABOVE ROOF

Chimneys can generally be installed up to 1.1m above the roof line. Where the wind speed does not exceed 44ms⁻¹ the height may be increased to 1.4m.

The maximum permissible height above the foundation is 15 metres, with a maximum brick clad top section of 2 metres supported on a corbel unit.

LEAD FLASHINGS

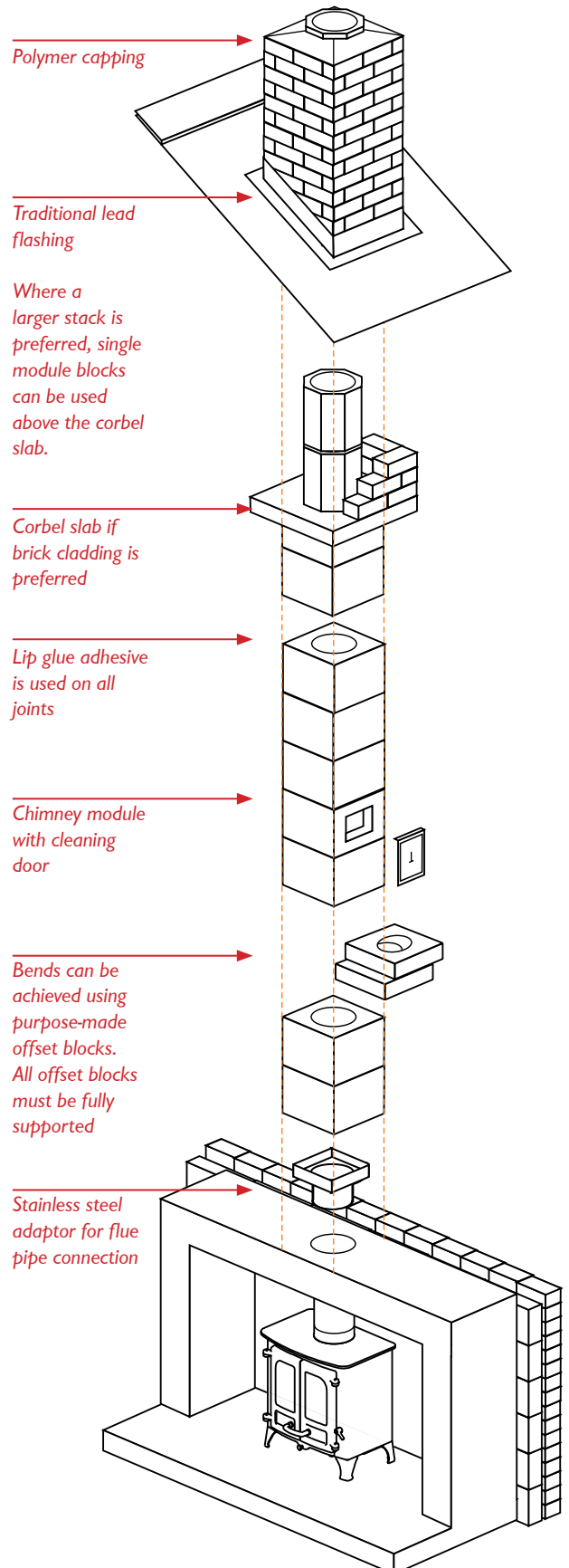
Fold the flashing in over the edge of the casing protruding through the roof by approximately 10mm and fix accordingly.

If the chimney is brick clad above the roof then traditional stepped flashing should be used. Proceed to normal building practice using a lead tray. The lead should be turned up on the outside of the flue blocks by approximately 50mm.

Before the capping is lip-glued into place a D.P.C should be fitted. Finally traditional flashing is used to seal around the protruding fire block or chimney pot.

OUTER SURFACE

Casings should be dry lined or plastered internally. Externally they should be finished with waterproof render or brick cladding.





To build a traditional chimney or to reline an existing chimney, round liners can be used. With a high insulation value the flue gas temperatures are maintained throughout the length of the chimney. This means that there will be less soot and tar build up in the chimney, enabling the appliance connected to work at maximum efficiency.



Relining a chimney using round liners effectively renews the chimney completely from top to bottom. It seals off any cracking and leakage in the chimney stack and also improves the overall stability of the chimney and the property.

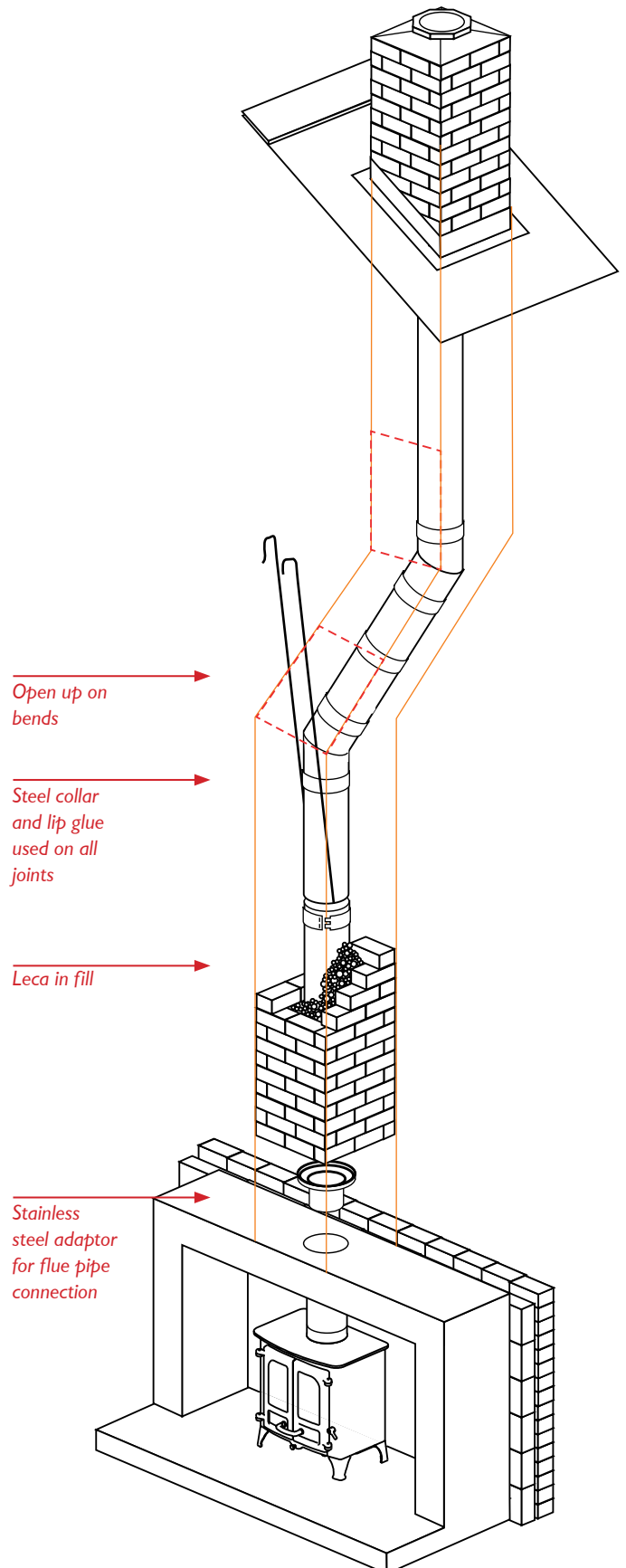
If the chimney is straight, the liners are usually lowered from the top of the chimney as illustrated. The liners are jointed as they are lowered down using the lip glue and the special steel collars.

The void between the liners and the chimney walls is then back filled with Leca, an insulating clay based product.

Where a chimney is not straight, it is opened up at the appropriate places and liner bends (or purpose cut bends from a straight liner) are inserted. Straight liners can be cut easily on site to form bends using a masonry saw or disc cutter. Lip glue must be used on all joints.

A separate instruction leaflet on lining is available.



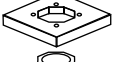









*Improves the overall stability of
the chimney and the property.*





PRODUCT CODE DESCRIPTION WEIGHT


SINGLE MODULE ø160mm

	030/S-163600	Single Module ø160mm 360 x 360 x 250mm	27kg
	030/S-163641	Single Module ø160mm with painted cleaning door 360 x 360 x 250mm	32kg
	030/40113	160mm Corbel Slab 575 x 575 x 75mm	32kg
	030/S-163601	160mm Corbel Slab Connector	5kg
	030/S-70216	Block Liner ø160mm 300mm high	14kg
	030/16320	Polymer capping (Rendered) ø160 490x490mm	5kg
	030/16321	Polymer capping (Brick) ø160 690x690mm	20kg
	030/80143	ø160mm Offset Block - 86mm - 30° 360x435x150mm high	25kg
	030/AN21	150mm - 150mm Single Module Adaptor	1kg
	030/AN22	125mm - 150mm Single Module Adaptor	1kg
	030/AN30/S	Casing Ties - Pack of 10	1kg
	030/50303	Lip glue adhesive - 5kg Bag	5kg

ROUND LINERS














	030/10013	130mm i/d x 600mm high rebated liner 180mm o/d	7kg
	030/10015	150mm i/d x 600mm high rebated liner 200mm o/d	8kg
	030/S-10317	170mm i/d x 600mm high liner 205mm o/d	8kg
	030/10020	200mm i/d x 600mm high Rebated liner 250mm o/d	12kg
	030/10022	225mm i/d x 600mm high Rebated liner 285mm o/d	14kg
	030/S-10025	250mm i/d x 600mm high liner 310mm o/d	16kg
	030/S-10030	300mm i/d x 600mm high liner 360mm o/d	19kg
	030/S-10035	350mm i/d x 600mm high liner 416mm o/d	27kg
	030/S-10040	400mm i/d x 1000mm high rebated liner 470mm o/d	50kg
	030/S-10050	500mm i/d x 1000mm high rebated liner 590mm o/d	70kg
	030/S-20015	150/260mm oval x 600mm high liner	10kg
	030/50116	Separate Cleaning Door	5kg

ROUND LINER BENDS


	030/10811	150mm I/d 30° rebated bend 200mm o/d	5kg
	030/10812	150mm I/d 45° rebated bend 200mm o/d	6kg
	030/S-10703	170mm I/d 30° rebated bend 205mm o/d	5kg
	030/S-10704	170mm I/d 45° rebated bend 205mm o/d	6kg
	030/10817	200mm I/d 30° rebated bend 250mm o/d	6kg
	030/10818	200mm I/d 45° rebated bend 250mm o/d	8kg

PRODUCT CODE DESCRIPTION WEIGHT

SINGLE MODULE ø200mm

	030/S-204000	Single Module ø200mm 400 x 400 x 250mm	28kg
	030/S-204041	Single Module ø200mm with painted cleaning door 400 x 400 x 250mm	32kg
	030/40110	200mm Corbel Slab 655 x 655 x 75mm	36kg
	030/S-204001	200mm Corbel Slab Connector	5kg
	030/S-70220	Block Liner ø200mm 300mm high	15kg
	030/20320	Polymer capping (Rendered) ø200 540 x 540mm	7kg
	030/20321	Polymer capping (Brick) ø200 810 x 810mm	23kg
	030/40129	ø200mm Offset Block - 86mm - 30° 440 x 500 x 150mm high	30kg
	030/AN20	150mm - 200mm Single Module Adaptor	1kg
	030/AN23	175mm - 200mm Single Module Adaptor	1kg
	030/AN24	200mm - 200mm Single Module Adaptor	1kg
	030/AN30/S	Casing Ties - Pack of 10	1kg
	030/50303	Lip glue adhesive - 5kg Bag	5kg

ROUND LINER SUPPORT BLOCKS

	030/C40120	150mm i/d 310mm Square	7kg
	030/C40121	200mm i/d 350mm square	8kg


ROUND LINER ADAPTORS

	030/AN00	100mm - 150mm/175mm Liner Adaptor
	030/AN01	125mm - 150mm/175mm Liner Adaptor
	030/AN02	150mm - 150mm/175mm Liner Adaptor
	030/AN05	175mm - 150mm/175mm Liner Adaptor
	030/AN06	125mm - 200mm Liner Adaptor
	030/AN07	150mm - 200mm Liner Adaptor
	030/AN08	175mm - 200mm Liner Adaptor
	030/AN09	200mm - 200mm Liner Adaptor


ROUND LINER COLLARS

	030/10213	130mm Collar
	030/10216	150mm Collar
	030/10220	200mm Collar
	030/10225	250mm Collar
	030/10230	300mm Collar
	030/S-20015A	Oval Collar

LECA

	030/LECA50	50 Litre Bag
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LIP GLUE

	030/50303	Lip glue adhesive - 5kg Bag	5kg
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YEAR GUARANTEE
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Due to the nature of the pumice material, Anki Chimneys have a life expectancy in excess of 60 years. They have full CE approval and are covered by a 15 year guarantee subject to normal usage. Full details of this guarantee are available on request.



Anki Chimney products are available throughout the UK through a network of distributors. These distributors are backed up by a national technical sales force and a fully qualified technical department at head office, all of whom are able to answer any questions concerning the product at both the design and build stages.

Anki Chimney Systems is a division of A.J Wells and Sons Ltd, the parent company behind Charnwood stoves: manufacturers of wood, multi-fuel and gas appliances.

Charnwood have been designing and manufacturing stoves for over 30 years making them one of the longest established stove specialists in the United Kingdom.

To complete its fireside range Charnwood also offer a selection of fair trade hearth tiles and fireside accessories from Cambodia.



For details of the Charnwood range of products and accessories contact their sales department on 01983 537777 or visit the website www.charnwood.com





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