



Fitting Guidelines.

To be left with the customer after installation.

YORK CHAMBER INCLUDING LEGS

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Fitting guidelines. Pages 1 to 8.

Front cover.

FITTING GUIDELINES: YORK CHAMBER & LEGS.

(These guidelines consist of 8 pages).

Please ensure all guidelines and drawings have been fully read and understood before commencing installation.

Important: Safety and Technical.

- Please read all these guidelines and diagrams before commencing any installation.
- This fireplace / Inglebeam **should be** installed by an experienced, suitably qualified, and competent fireplace fitter.
- The fireplace / Inglebeam installation is **not** recommended as a DIY or single person installation.
- The fireplace / Inglebeam installation **must be** in accordance with Current National laws, Building Regulations, and any Rules in Force.

Current Document J outlines various British Standards that cover all aspects of fireplace installation for England and Wales.

The latest revision of BS 1251: 2015 refers to; Open fireplace components.

The fixing of stonework is covered by BS 8298 “Code of practice for Design and Installation of Natural Stone Cladding and Lining.

For stone and marble fireplaces refer to the Stone Federation of Great Britain, guidance on fire surrounds. (www.stonefed.org.uk)

- This fireplace **must only** be installed onto floors with an adequate load-bearing capacity. If an existing construction does not meet this requirement, suitable measures (e.g., load distributing plate) must be taken. **Must be** in accordance with Current National laws, Building Regulations & any Rules in Force.
- Should any conflict occur between these guidelines and any Current National laws, Building Regulations, and any Rules in force then the Current National laws, Building Regulations and Rules in Force shall apply.
- The fireplace / Inglebeam installation **must be** in accordance with planning permission and local building control.
- Any solid fuel appliance installation completed in conjunction with this fireplace **must be** installed by a HETAS (England and Wales), registered installer or approved by your local building control officer. For further details go to www.hetas.co.uk . For areas outside England and Wales you must check the registered installer that may be required to ensure the appliance is installed to Current National laws, Building Regulations, and any Rules in Force. Also refer to the appliance manufacturers instructions.
- Before any electrical components are connected to the main electrical supply such as fireplace / Inglebeam ambient lighting etc **must be** checked for suitability and safety by a suitably qualified electrician as below.
- Any electrical connections made whilst fitting this fireplace / Inglebeam **must be** made by a suitably qualified and registered electrician and meet the requirements of Current National laws, Building Regulations, and any Rules in Force.
A recognised independent body for registered electricians in England, Wales, Scotland, and Northern Ireland is the National Inspection Council for Electrical Installation Contracting (NICEIC). Go to www.niceic where you will find a search facility to find NICEIC registered electricians.
- Any gas appliance installation made in conjunction with this fireplace / Inglebeam **must be** completed by a Gas Safe registered gas engineer (England and Wales), or equivalent for other Nations in accordance with the gas fire manufacturer’s instructions and Current National Laws, Building Regulations, and any Rules in Force. You can find more information and registered Gas Safe engineers at www.gassaferegister.co.uk
- Only install the fireplace / Inglebeam to a suitable solid brick wall of sound construction and suitable to support the full weight of the fireplace / Inglebeam. The brick wall **must** meet the requirements of Current National laws, Building Regulations, and any Rules in Force.

- If the fireplace / Inglebeam cannot be permanently fixed to a solid brick wall, such as block work, studwork, or any other type of structure, then we recommend that you consult an architect or structural engineer for advice.
- The Inglebeam **must not** be used as a constructional lintel or in any load bearing situations.
- The fireplace / Inglebeam is only suitable for interior installations.
- All fireplace / Inglebeam mechanical fixings **must be** Stainless-Steel and be totally corrosion and heat proof and of adequate size and strength to fix the fireplace / Inglebeam safely & securely.
- The consequences of failure of a fireplace / Inglebeam incorrectly installed and secured are extremely serious. It is essential that the fireplace / Inglebeam is installed and secured to withstand foreseeable abuse such as a child pulling down on a cantilevered shelf / Inglebeam etc.
- Fixing dowels or alternatively threaded studs' nuts and washers **must be used** when fitting the Inglebeam. The Inglebeam and any other fireplace overhanging components **must be** adequately restrained in all instances, as they are liable to tip forward. It is imperative to ensure any Inglebeam or fireplace overhanging components are securely fixed into the brick wall so there is no possibility of any piece tipping and falling.
- **Never** cut the dowels or threaded studs supplied to any Inglebeam product or fireplace.
- **All** dowels or threaded studs with nuts and washers supplied to any Inglebeam, or fireplaces **must be** used.
- Always inform the user when the fireplace / Inglebeam can be used for the first time considering the full drying times for resins and adhesives etc that have been used.
- Fixing brackets **must be** used when installing the fireplace / Inglebeam.
- Lock wire with anchorage points **must be** used when installing the fireplace.
- The fireplace / Inglebeam **must be** completely adhered to the brick wall with suitable adhesive. Such products should only be used for applications approved by the manufacturer. If there is any doubt, the adhesive manufacturer should be consulted.
- Gypsum based products is not recommended as an adhesive and should **not** be used.
- **Never** use adhesive alone to fit the fireplace / Inglebeam.
- Bracket fixings, anchorage points and dowels to be installed into brickwork, **not** plaster / render.
- All mechanical fixings to be chased into the mounting wall brickwork to enable complete contact to all mating rear surfaces of the fireplace to the brick wall, this is required so a total bond can be made when adhering the fireplace Inglebeam parts to the brick wall.
- The fireplace / Inglebeam is **not** suitable for any open burning grates or appliances and **must not** be used.
- Ensure that the chimney register plate and the stove flue pipe is not fixed or touching the Inglebeam or fireplace, this will cause excessive heat transfer resulting in damage.
- Ensure all mechanical fixings do not obstruct total face to face contact of any fireplace Inglebeam mating parts.
- Use suitable heat proof white or clear stone silicone adhesive between **all** mating stone pieces. (Ensure to protect fireplace visible stone surfaces from silicone over spill).
- **Never** drag fireplace mating stone pieces together when fixing, as this could chipping and scratching.
- Grouting of stone joints can be made by using suitable white tile glue ensuring you wash of residue with clean water.
- It is recommended that after installation and when the fireplace has completely dried, that a suitable stone sealer is used to seal all visible stone surfaces, only when the appliances being used is switched off and the appliance and fireplace are completely cold. Refer to your fireplace retailer for advice. (This applies to natural stone materials only).
- You **must** supply and fit, in correct position a data plate showing all correct information in accordance with Current National laws, Building Regulations and any Rules in Force.
- Ensure that purpose provided room ventilation is provided in accordance with Current National laws, Building Regulations, and any Rules in Force.
- Ensure these fitting guidelines together with the fireplace Customer Care & Safety sheet are given to the customer. Subsequently these to be passed on to any new homeowner or occupier.

Important.

Ensure the fireplace / Inglebeam is fixed to the brick wall safely and securely and fitted correctly to all Current National laws, Building Regulations, and any Rules in Force.

If this cannot be achieved **do not install** the fireplace / Inglebeam until any fault is rectified, to ensure a safe & secure fireplace / Inglebeam installation.

Safety precautions.

- Use all necessary safety clothing, for example:
- Suitable dust masks where there is a risk of dust contamination
- Suitable protective gloves.
- Suitable Protective footwear.
- Suitable Protective eye goggles.
- Never wear loose clothing or jewellery.
- Ensure long or loose hair is adequately protected, so as not to be a hazard when using tools etc.
- Ensure all fitting tools and equipment to be used are in good working order and safety approved and suitable for the use intended.
- Always comply with all Current Health & Safety Regulations.
- This fireplace has parts that are irregular in shape and above 25kg in weight, therefore installation is recommended for more than one person or suitable lifting equipment to be used.

Types of fires suitable for the York chamber & legs.

Note: Other fireplace components will be required before the York chamber and legs and any appliance can be installed, check with the retailer the specification required.

- Closed burning multi fuel, or wood burning stoves manufactured to ^{UK}CE standards of compatible size for the fireplace, chimney, and flue.

Note: *The stove and builders opening used must be of a suitable size to comply with the minimum clearances from the appliance to the York chamber and legs.*

- Closed burning gas stoves manufactured to CE standards of compatible size for fireplace, chimney, and flue.

Note: *The stove and builders opening used must be of a suitable size to comply with the minimum clearances from the appliance to the York chamber and legs.*

- Electric effect fires manufactured and approved to ^{UK}CE standards suitable for the fireplace fire opening.

Clearances.

- Refer to page 7 for York chamber and leg clearances.
- Refer to the relevant Inglebeam fitting guidelines for the Inglebeam clearances.
- Refer to the stove manufacturer's instructions to check if the appliance being used requires higher clearances than listed to the drawing on page 7 as these must be respected.
- Refer to the fireplace manufacturer's instructions for any other parts that may be used in conjunction with the York chamber and legs to check if the clearances require to be higher than listed to the drawing on page 7 as these must be respected.

Chimney Type.

- Class 1. The chimney and flue **must be** in accordance with Current Building Regulations and any Rules in Force, with a suitable builder opening and flue, for your selected fireplace and appliance combination.
- Chimneys and flues **must be** swept and tested by an approved chimney sweep prior to fireplace installation.

Fireplace / Inglebeam inspection and precautions.

- Before installation the fireplace / Inglebeam **must be** thoroughly checked for faults or damage. If any fault or damage is observed the fireplace / Inglebeam **must not** be installed, and the problems reported to your fireplace retail supplier. No claims of this nature will be accepted after the fireplace / Inglebeam is installed.
- **Ensure** the York chamber and legs are handled with **care and never dropped.**
- **Always protect** the York chamber and legs from any substance, the finish used is water based to give fire resistance. Any fluid, plaster/ render etc that contacts the York chamber and legs is liable to cause damage.
- Make good the wall, plaster / render around the Inglebeam and legs ensuring nothing is spilt onto the finished surface.
- **Never** use any type of masking tape to protect the Inglebeam, legs and chamber panels as it will be possible to remove the Inglebeam and chamber surface finish when the masking tape is removed.
- **Ensure** the installation area around the Tavira suite is restricted to all people and animals until all fitting materials have fully dried and cured and all fireplace components are deemed to be installed correctly and safely.
- **Inform** the customer / user of the time required before any appliance can be used after the installation is complete.
- It is recommended that any stone parts when fully dry are sealed with a suitable stone sealer, refer to the manufacturer's instructions.

Warning: Do not seal the Inglebeam and chamber panels as this will damage the surface finish.

Fitting Guidelines. (To be used in conjunction with the diagrams).

This fireplace will require other fixing materials including:

- Suitable stainless-steel screws, washers, and wall plugs.
- Suitable stainless-steel lock-wire.
- Heat resistant silicone adhesive suitable for stone, brickwork & masonry in clear or white finish that must have a minimum temperature rating range from -20°c to $+1200^{\circ}\text{c}$.

Important.

When silicone adhesive is mentioned in the guidelines then the above is the minimum requirement. Suitable vermiculite granules and cement.

- Suitable sealer for brickwork.
Always follow the manufacturer's instructions for all adhesives and cements.

Important:

Note: Refer to the manufacturer's instructions for other components that maybe installed with the York chamber and legs, for example: Fire resistant Inglebeam, and hearth etc.

- ⚠ **Do not** contaminate the York chamber and legs with plaster / render or any other substance including any fluids.
- ⚠ **Never** use any type of masking tape to protect the Inglebeam, legs and chamber panels as it will be possible to remove the Inglebeam and chamber surface finish when the masking tape is removed.
- ⚠ **Do not** seal the surface finish of the York chamber and legs.
- ⚠ **Ensure** the area around the York chamber and leg fitting area is restricted to all persons and animals until all fitting materials have fully dried and cured and all fireplace components are deemed to be installed correctly and safely.

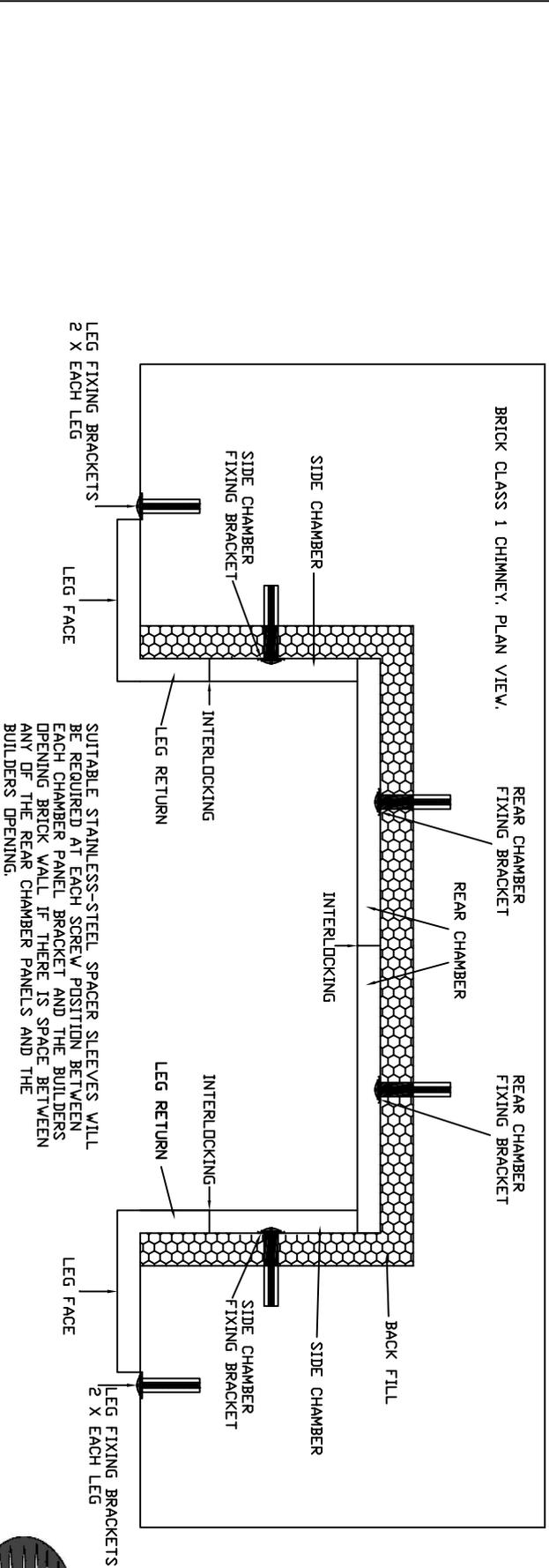
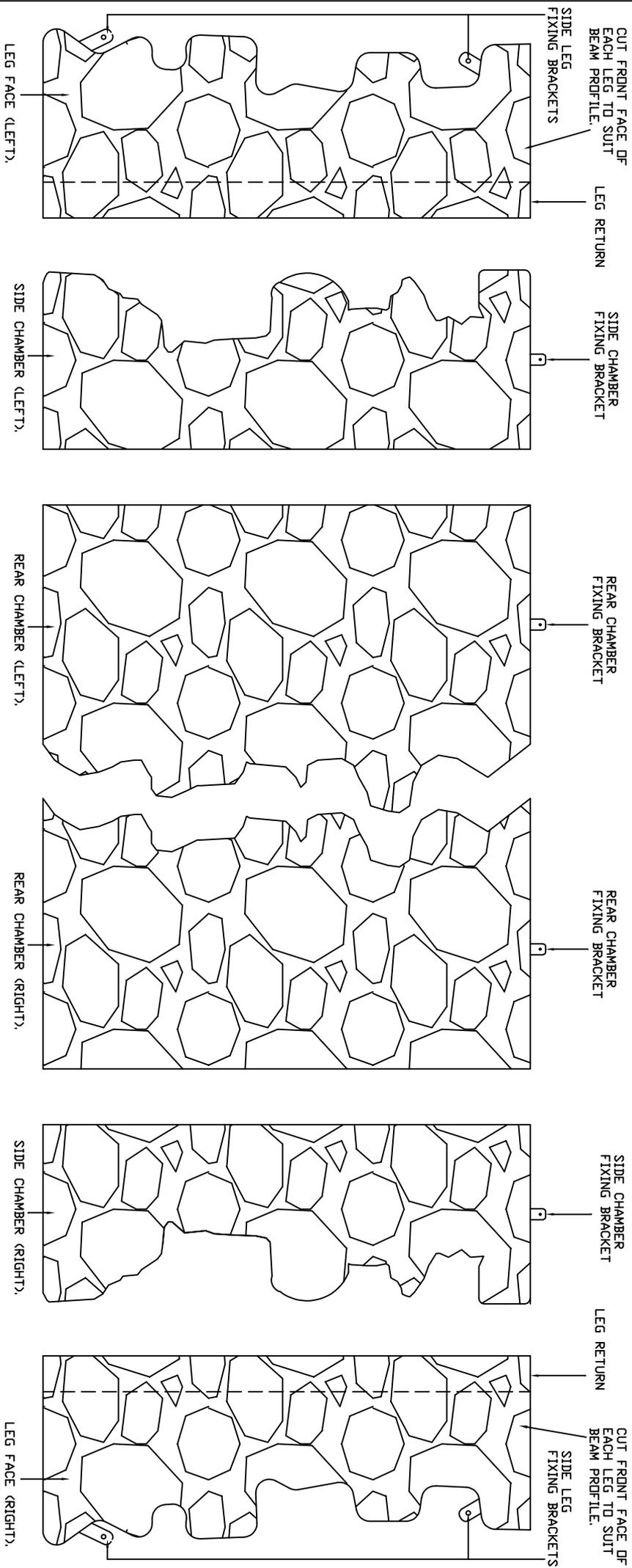
The York chamber and legs are manufactured in one standard size. The front section at the top of each leg will require to be cut to the profile to the underside of the Inglebeam model that is being used. It is possible to cut the leg height and the chamber width and depth as described within these guidelines.

- 1) With suitable testing equipment check for live electrical cables or gas pipes and any other obstructions or connections that maybe obscured to the area of intended fireplace, chamber and Inglebeam installation. If found use a suitably qualified person to remove and make safe.
- 2) Remove all wall coverings and emulsion in area of intended fireplace / Inglebeam installation.
- 3) In properties with traditionally plastered / rendered brick walls the plaster / render to be cut back to enable the fireplace / Inglebeam to be fixed directly to the brickwork behind. The plaster / render can then be made good around the fireplace / Inglebeam after installation. The plaster / render to be cut back and removed from the area of fireplace / Inglebeam installation, remove up to approximately 10mm outside the profile of fireplace / Inglebeam to be installed. All fixing brackets and fixings to be recessed into brickwork to enable all fireplace / Inglebeam parts to mate with the brick wall without obstruction. This is good practice as there will always be a risk of the fireplace / Inglebeam becoming unstable should a failure of the plaster / render occur.
- 4) Ensure the chimney brickwork face is completely sound, dry, dust and contamination free before installation. Seal all fixing areas with appropriate sealer. (Note: subject to adhesive manufacturer's instructions.
- 5) Correctly prepare the chimney builders opening. Refer to current Building Regulations and any Rules in Force including the appliance manufacturers instructions that relates to the appliance that is going to be installed to the fireplace / Inglebeam.
- 6) Although a hearth is not supplied with the York chamber and legs a suitable hearth will be required. Refer to current National Laws, Building Regulations and any Rules in Force and the hearth manufacturer's instructions. It is essential to ensure the hearth is installed level to all planes and is 90° to the chimney including any rear hearth or screed used. Failure to ensure level and squareness to all parts will be problematic as the interlocking parts of the chamber and legs will not fit correctly, so it is imperative great care is taken with this stage.
- 7) The York chamber and legs can be cut to suit all our Inglebeam range, carefully remove the Inglebeam from the cardboard box and lay onto a soft un-contaminated blanket in a safe position.
- 8) Use the lid of the Inglebeam cardboard box to make a template to the shape of the underside of the Inglebeam at the rear edge position. Using the marked line cut the cardboard template to shape. Place the template onto the brick chimney face to the Inglebeam fixing position, in relation to the height of the York legs and chamber and mark the brick wall using the template. Ensure that the template is facing the correct way round in relation to the Inglebeam.
- 9) If it is required to cut the chamber and legs to suit a smaller builder's opening: For height reduction cut the bottom of the legs and chamber panels an equal amount. To reduce the width, cut the two rear chamber panels to each outside edge equally. **Do not** cut any interlocking edges. It is highly recommended that the chamber panels and each leg inner return that projects into the builders opening extend above the height of the underside of the Inglebeam so as not to see the internal builders opening above the top of all chamber panels and side leg returns especially when viewing whilst sitting down. This can be achieved by cutting the top of each leg front section **only**. (Do not cut the inner leg returns). This will lower the beam fitting height in relation to the chamber panels and the returns of both legs that protrude into the chimney builders opening, ensure that each leg front section is cut to match the profile to the underside of the beam to your fitting position. **Important:** Check that all the minimum clearances shown within these guidelines are correct. Refer to the stove manufacturer's instructions and the Inglebeam guidelines to ensure all minimum distances are correct and respected.
- 10) When completely satisfied that all parts have been measured and marked correctly to suit the installation being undertaken the chamber panels and each leg can be cut, use the previously cut cardboard template to mark the profile that requires to be cut to the top of both leg front sections **only**, this template must be positioned at the correct position to ensure the top of both legs fit the lower Inglebeam profile, this will vary depending on where each leg is positioned in relation to the

underside of the Inglebeam. Use a suitable angle grinder with a blade that is suitable for cutting both masonry and steel. Steel is an integral reinforcement part of the masonry.

- 11) Place the two rear chamber panels into the chimney builders opening, the central join is interlocking.
- 12) Install each leg to the brick chimney, use silicone adhesive to completely adhere all rear mating surfaces to each leg to the chimney brickwork, mark the position of all fixing brackets to each leg to the brick wall. Drill the brick wall to accommodate suitably sized stainless-steel wall plugs. Fit wall plugs. Secure each leg to the brick chimney using the brackets provided with suitable stainless-steel screws and washers. Note: Silicone adhesive to be used between all joints, the silicone adhesive thickness should be 2mm to enable thermal expansion between all parts. Do not allow the silicone adhesive to spill onto any finished surface.
- 13) Align each side chamber panel into the correct corresponding interlocking position to each leg side return. At each bracket position drill a suitable hole in the brick wall to accommodate a suitable stainless-steel wall plug, screw, and washer. Fit wall plugs. Using suitable stainless-steel screws and washers through each bracket securely fit each side chamber panel to the brick chimney. Adjust position to both rear chamber panels in relation to the chamber side panel positions. Drill the brick wall to accommodate suitably stainless-steel wall plugs at each bracket position. Fit wall plugs. Securely fit each rear chamber panel to the brickwork using suitable stainless-steel screws and washers through all chamber panel fixing brackets. If the chamber panels have any gaps between the rear of the chamber panels and the chimney builders opening brickwork these gaps must be fully filled and sealed using a suitable mix of cement and vermiculite granules, (1 part of cement to 5 parts of vermiculite granules). Staunch all top edges of the chamber panels with a suitable mortar mix.
Note: The side and rear chamber panels will require a stainless-steel spacer sleeve added to each screw between the brackets and the brick wall if the chamber panels cannot be fixed directly to the builders opening brick wall, ensure the stainless screws are of adequate length to enable secure fixing into the stainless-steel wall plugs.
- 14) Install the Inglebeam using our separate installation guidelines supplied to each model.
- 15) Point all mating joints between the chamber panels and legs including the joint between the top of each leg and the underside of the Inglebeam with the mortar mix provided. Care must be taken to **ensure you do not** over spill the mortar onto any finished surface.
- 16) Make good the wall plaster around the legs ensuring not to contaminate the legs and chamber with plaster or any other substance. **Do Not** seal the leg or chamber surfaces.
- 17) **Never** use any type of masking tape to protect the Inglebeam, legs and chamber panels as it will be possible to remove the Inglebeam and chamber surface finish when the masking tape is removed.
- 18) **Important:**
Ensure the area around the fireplace and beam fitting area is restricted to all persons and animals until all fitting materials have fully dried and cured and all fireplace components are deemed to be installed correctly and safely.

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SUITABLE STAINLESS-STEEL SPACER SLEEVES WILL BE REQUIRED AT EACH SCREW POSITION BETWEEN EACH CHAMBER PANEL BRACKET AND THE BUILDERS OPENING BRICK WALL IF THERE IS SPACE BETWEEN ANY OF THE REAR CHAMBER PANELS AND THE BUILDERS OPENING.



STOVE MINIMUM CLEARANCES FROM THE EXTREMITIES OF EACH SIDE AND REAR OF THE STOVE TO CHAMBER PANELS AND EACH LEG: CLOSED BURNING STOVES WITH A NOMINAL HEAT OUTPUT NOT ABOVE 5KW AND OPERATED AS STATED IN THE STOVE MANUFACTURER'S INSTRUCTIONS: 150MM.

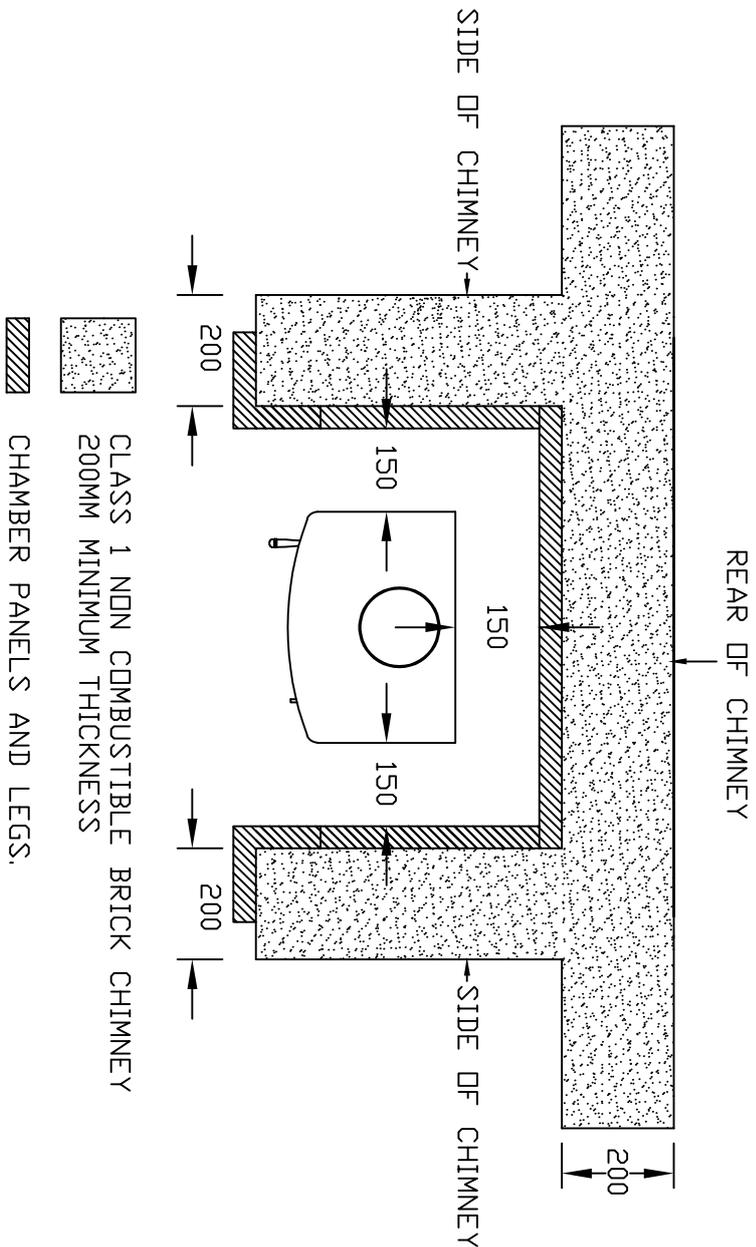
STOVES WITH A NOMINAL HEAT OUTPUT ABOVE 5KW: FOR EVERY 1KW ABOVE A NOMINAL HEAT OUTPUT OF 5KW AN ADDITIONAL 20MM CLEARANCE FROM EACH SIDE OF THE STOVE TO THE CHAMBER PANELS AND EACH LEG IS REQUIRED.

THE CLEARANCE FROM THE REAR OF THE STOVE ONLY TO THE REAR CHAMBER PANELS ONLY CAN BE REDUCED TO 51MM PROVIDING THE BRICK CLASS 1 CHIMNEY IS CONSTRUCTED OF BRICKWORK WITH A 200MM MINIMUM THICKNESS. REFER TO CURRENT BUILDING REGULATIONS AND ANY RULES IN FORCE. THIS DOES NOT APPLY TO THE STOVE TO SIDE CHAMBER AND LEG CLEARANCES, THESE MUST HAVE A MINIMUM CLEARANCE OF 150MM WHEN USING AN APPROVED STOVE WITH A NOMINAL HEAT OUTPUT NOT ABOVE 5KW.

EXAMPLE: IF THE STOVE HAS AN APPROVED NOMINAL HEAT OUTPUT OF 7KW AND THE CHIMNEY IS CONSTRUCTED OF BRICKWORK OF A MINIMUM THICKNESS OF 200MM, THE SIDE CLEARANCES WOULD BE INCREASED TO 190MM AND THE REAR CLEARANCE WOULD BE INCREASED TO 91MM.

ALWAYS CONSULT THE STOVE MANUFACTURER'S INSTRUCTIONS TO CHECK IF THE CLEARANCES REQUIRE TO BE GREATER THAN SHOWN AS THESE MUST BE RESPECTED.

ALWAYS REFER TO CURRENT BUILDING REGULATIONS AND ANY RULES IN FORCE FOR THE CHIMNEY AND FIREPLACE REQUIREMENTS WHEN FITTING AN APPLIANCE.



DIMENSIONS REFER TO UNTREATED PRODUCTS.