

These fixing details should be read in conjunction with the relevant production drawing.

Where prefabricated chimneys are to be used, you should first ascertain the weight of the finished unit and the position of the GRP fixing flange in relation to the roof structure. If the load of the chimney is to be carried on the roof structure, the spacing and the load carrying capacity of the trusses or rafters should be checked and increased if necessary.

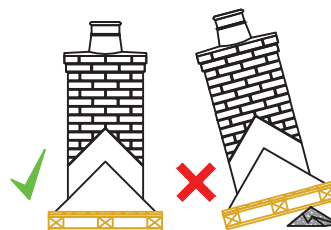
If the chimneys are to contain flues, their location must allow for the minimum angle of diversion of the flue pipes and consideration given to access beneath the installed chimney for the connection of the twin wall pipes.

Fixing Kit supplied includes, Hall Clips, Lead Sheet Sealant, Coach Bolts, Washers & Steel Lifting Plate Washers.

Storage

Care should be taken when unloading and storing units to avoid damage and under no circumstances should the units be moved using their caps or pots. Straps and fixings to the pallet should not be removed until time of lift. When transporting the unit around site the lifting bars should be used for a suspended lift, the same as being craned onto the roof.

Storage



Preparation

Pointing & Flaunching

The Chimney should be pointed on the ground prior to installation. Flat top stacks (i.e. those without a cap) can also be flaunched before lifting. Flat top chimneys must be flaunched with strong sand/cement mix. The flaunching should be a minimum of 25mm thick around the perimeter of the chimney and should not be feathered away to nothing.

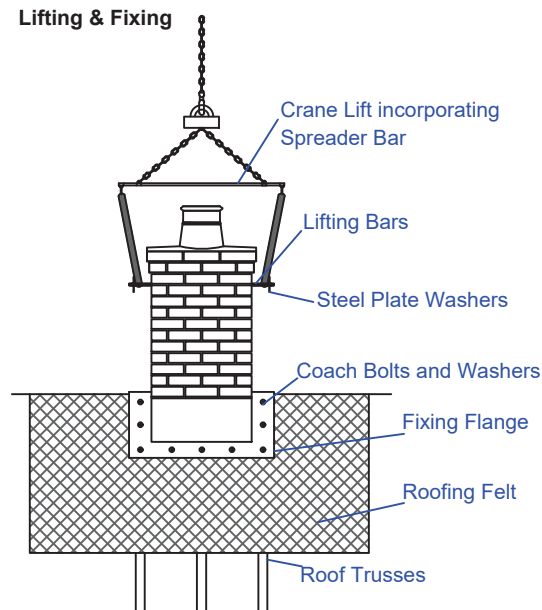
Lifting

Remove packing screws and cut the retaining straps between the chimney and the pallet. Lifting bars are pre-fitted, the size appropriate to the stack concerned. Located through the sides of the stack for lifting straps to be attached. A set of large steel plate washers are supplied. They are to be bolted onto the end of the bars to secure the straps during the lifting process. Employ the use of a spreader bar to ensure the maximum weight performance during the trunnion lift. This will also ensure pots/caps/corbeling will not get damaged during the lifting process.

Fixing

Where the chimney is to be fitted onto the roof structure, it should be lifted onto the prepared rafters/noggins and lowered gently into place over an area that has been prepared with a minimum of 3 layers of felt. It should then be fixed using the supplied M10 coach bolts, which are fitted through the washers and GRP flange at a minimum of 200mm centres in a position to secure a fixing to the roof structure below. Lifting bars can be removed after the stack has been secured and the resulting holes must be plugged with the rubber bungs supplied and covered by pointing.

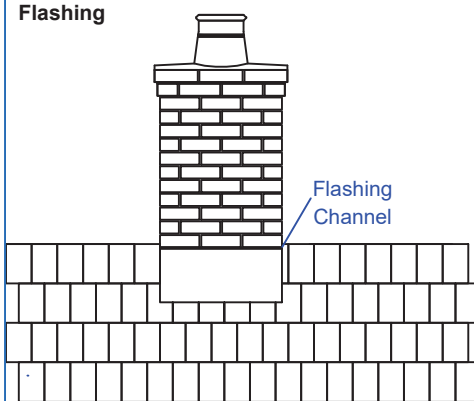
Lifting & Fixing



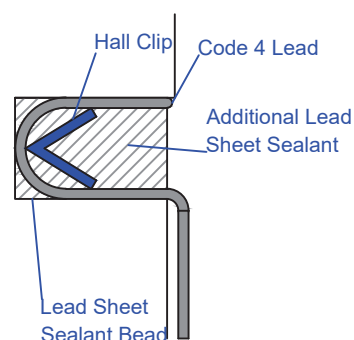
Flashing

The Lead Sheet sealant provided should be applied into the entire length of the channel to a depth of 15mm. Code 4 Lead must then be dressed into the full depth of the channel and wedged into position with the Hall Clips provided. Once in position the remainder of the channel must be filled with the sealant until flush with the face of the brick slips.

Flashing



Flashing Section



Notes:

- Where a television aerial or satellite dish is to be fitted to the stack a strap system is to be used, under no circumstances should the wall of the chimney be penetrated.
- Some larger stacks will be dispatched without their pots attached in order to avoid damage during transport. In these instances, chemical bond will be supplied for fixing on site.