


FIXINGS FOR LEAD



- Fixing clips are required for securing free edges of lead sheet against wind lift.
- Copper or stainless steel fixing clips are recommended for most applications.
- Cast lead domes are the preferred alternative to lead burning exposed fixings and can be used with lead sheet or lead clad steel panels.
- Copper and stainless steel annular ring shank nails are recommended for fixing sheet and clips to timber.
- Recommended by  **LSAS**
LEAD SHEET ADVISORY SERVICE

Premium Roofing Products provide a selection of fixing clips together with strips, from which fixing clips of the desired size may be cut. Both clips and strips are available in copper and stainless steel.

Clips, either 0.6mm gauge copper or 0.4mm stainless steel, are normally recommended. However, when clips need to be malleable enough to follow complex profiles, only copper clips can be used. Steel clips are preferred when the clip can only be fixed at its top extremity and rigidity is required, e.g., over a glass roof.

Premium Annular Ring Shank Nails are available in both copper and stainless steel for fixing the lead sheet panels, clips, etc., to a timber substrate.

Premium Cast Lead Domes, for intermediate cladding fixings and for fixing to stone or masonry, require brass or stainless steel screws. For intermediate fixings, the screw must be covered.

Premium Cast Lead Domes are ideal for this application as they are supplied as sets of brass screws, lead buttons, and serrated-edged washers, over which the buttons are crimped.

- Clips should not be less than 50mm wide.
- In sheltered conditions, copper and stainless steel clips may be fixed at a maximum spacing of 500mm for each lap of lead sheet. Clips should be spaced more closely in exposed situations.
- Clip strength increases the closer the clip is fixed to the free edge of the lead sheet or flashing. However, fixing near the base of the clip is not recommended for lower pitched roofs due to the risk of water penetration through the fixing hole.
- An expansion gap of at least 6mm should be left between the edge of the lead sheet and the clip to allow for thermal movement.
- Positions of fixings, particularly intermediate fixings, should be chosen carefully to ensure that the thermal movement of the lead sheet is not impeded.
- The nylite washer included in the Cast Lead Dome Set is specifically for use with lead-clad steel and can be omitted when fixing lead sheet

LOT SIZES

Fixing Clips:

Copper: 300mm (or 600mm) x 50mm x 0.6mm 10 per pack

Stainless Steel 300mm (or 600mm) x 50mm x 0.4mm 10 per pack

Fixing Strip:

Copper: 50mm x 20m x 0.6mm 1 roll

Stainless Steel: 50mm x 20m x 0.4mm 1 roll

Annular Ring Shank Nails:

Copper or Stainless Steel 3.35mm 20mm,25mm,30mm,38mm 1kg per box

Cast Lead Domes Set: 20 of each component per set per box

(includes lead dome, nylite washer, brass cup washer and brass screw)

- Premium Fixings may be handled without special precautions.
- When working with lead, follow standard health and safety procedures as laid out in Control of Lead at Work Regulations 2002. Always wash hands well before eating, drinking or smoking.
- Remove lead residues from skin after working with lead metal by washing with soap and bodywash.

PRODUCT DESCRIPTION AND PROPERTIES

Copper Clips and Strip: Cut from copper sheet - conform to BS EN 1172

Stainless Steel Clips and Strip: Cut from fully annealed strip - conform to BS EN 10088

Copper and Stainless Steel nails: Large headed nails - conform to BS 1202: Parts 1 & 2

Brass screws: Present in the Cast Lead Domes Set - conform to BS 1210