PREMIUM
ROOFING PRODUCTS

01992 444 100

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PRODUCT INFORMATION SHEET

FIXINGS FOR LEAD



Recommended by the Lead Sheet Advisory Service (LSAS)

- 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.
- Intermediate fixings can be used with lead sheet.
- Copper and stainless steel annular ring shank nails are recommended for fixing lead sheet and clips to timber.

Premium Roofing Products provide a selection of fixing clips together with strips, from which fixing clips of the desired length 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, which can be annealed. 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.

LSAS
LEAD SHEET ADVISORY SERVICE

Unit B, Bingley Road, Hoddesdon,
Hertfordshire, EN11 0NX

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- Clips should not be less than 50mm wide.
- In sheltered conditions, copper and stainless-steel clips may be fixed at a maximum spacing of 450mm 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.
- When clipping the free edges of lead sheet for pitched roofing, 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.

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 coil.
Stainless-steel: 50mm x 20m x 0.4mm 1 coil.

Annular Ring Shank Nails:

Copper/Stainless-steel Head: 3.35mm
Copper/Stainless-steel Shank: 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)

HEALTH & SAFETY ADVICE

- 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 & 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

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