



Fitting Instructions for IFP– MR

Integrated Fixing Point for Metal Roof Systems



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integrated fixing point **ROOFTRAK™**

ROOFTRAK - IFP-MR Metal Roof

A deep profile anchor point providing support and wind uplift resistance which can be integrated into most metal roofing systems when supplied pre-fitted with the appropriate roof covering type. The IFP-MR is suited to retrofit and new build applications. Compatibility with the underlying roof system is ensured by using the IFP fitted with a compatible material to the roof system it is being fitted to. The multiple fixings allow a quantifiable uplift resistance to be calculated and the special fixing plate will allow expansion and contraction of the roof covering material.

Typical uses include
solar panels
solar array frames,
roof top plant
air conditioning unit supports
Unistrut frames
cable and services trays

Not suitable for balustrades

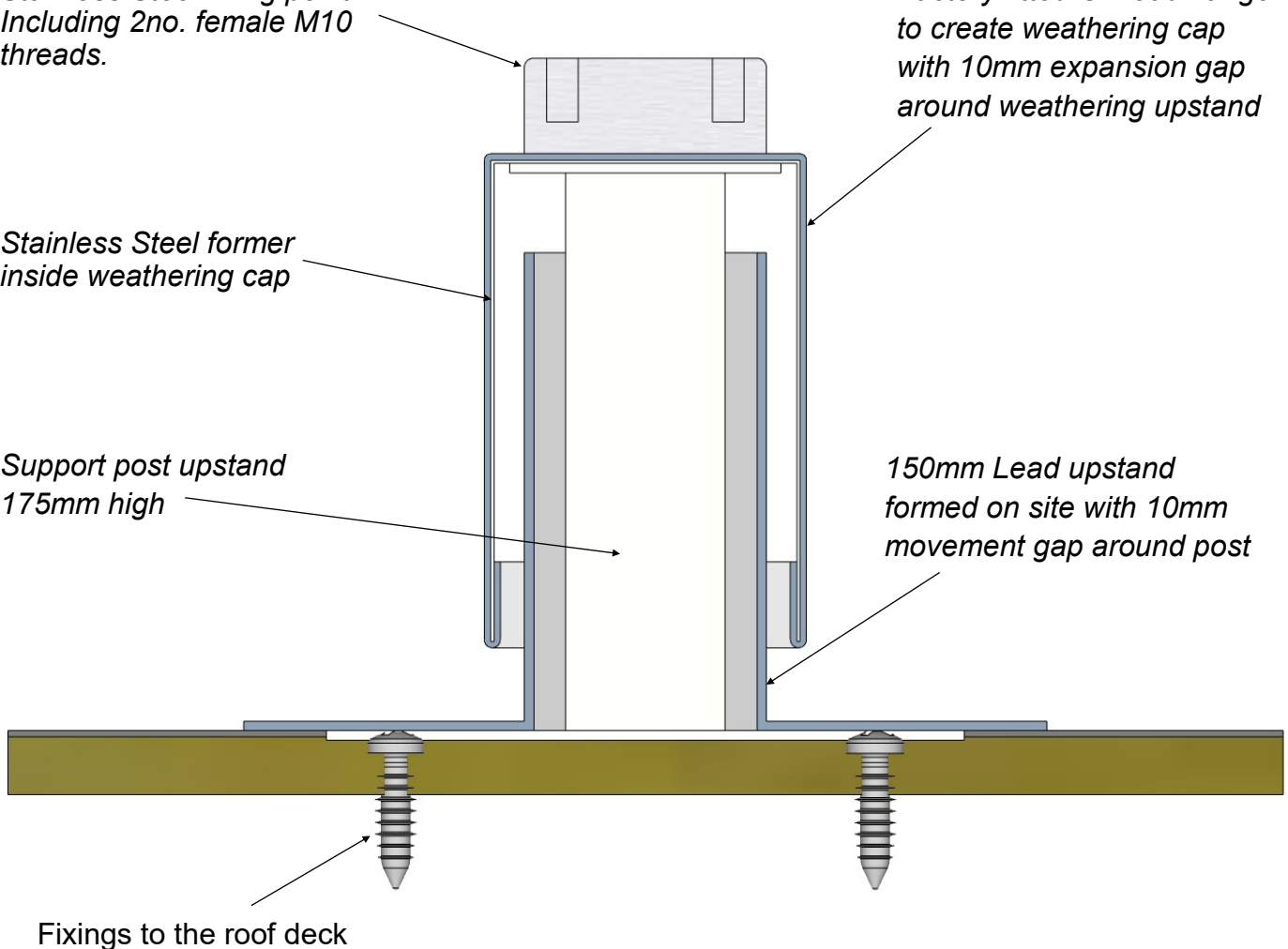
*Stainless Steel fixing point
Including 2no. female M10
threads.*

*Factory fitted C4 lead flange
to create weathering cap
with 10mm expansion gap
around weathering upstand*

*Stainless Steel former
inside weathering cap*

*Support post upstand
175mm high*

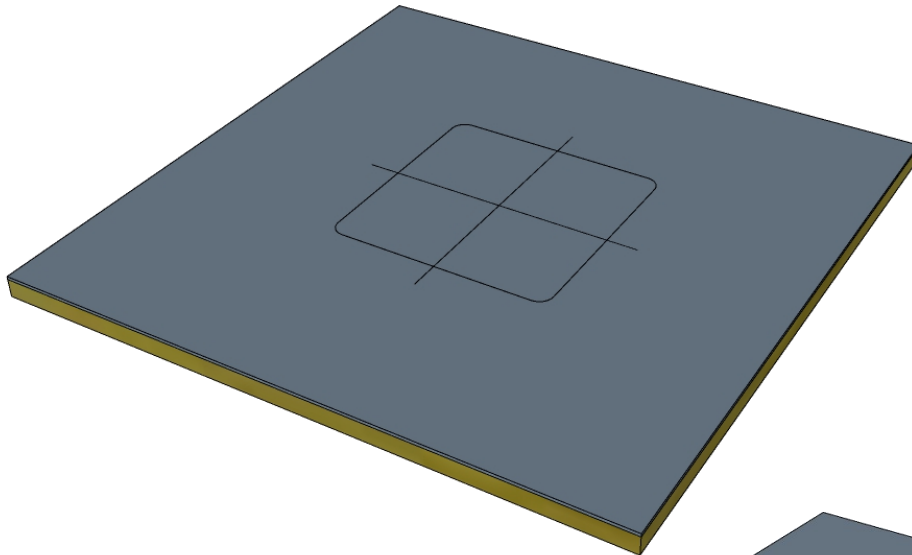
*150mm Lead upstand
formed on site with 10mm
movement gap around post*



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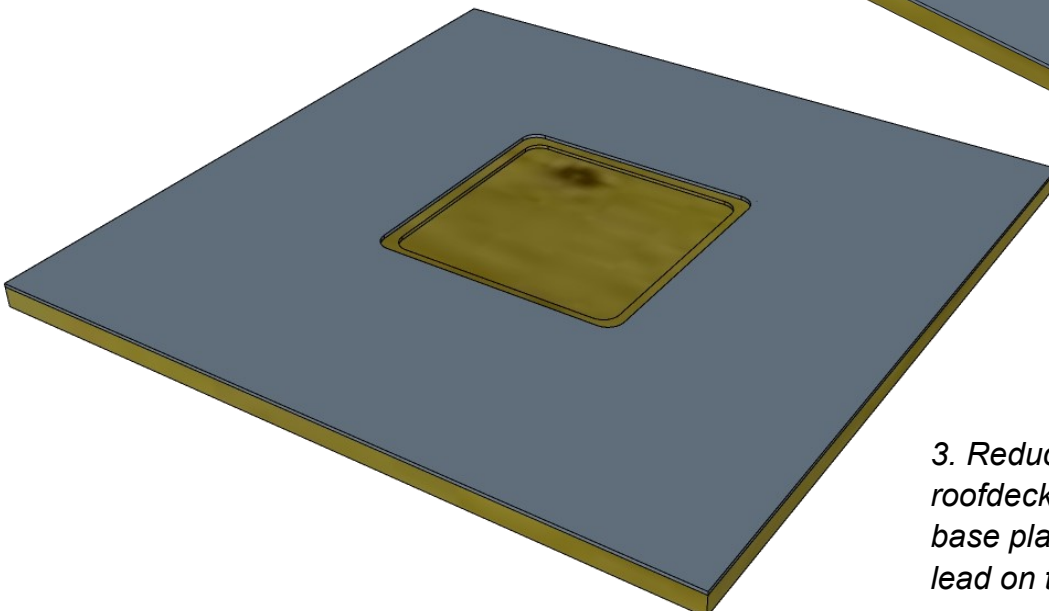
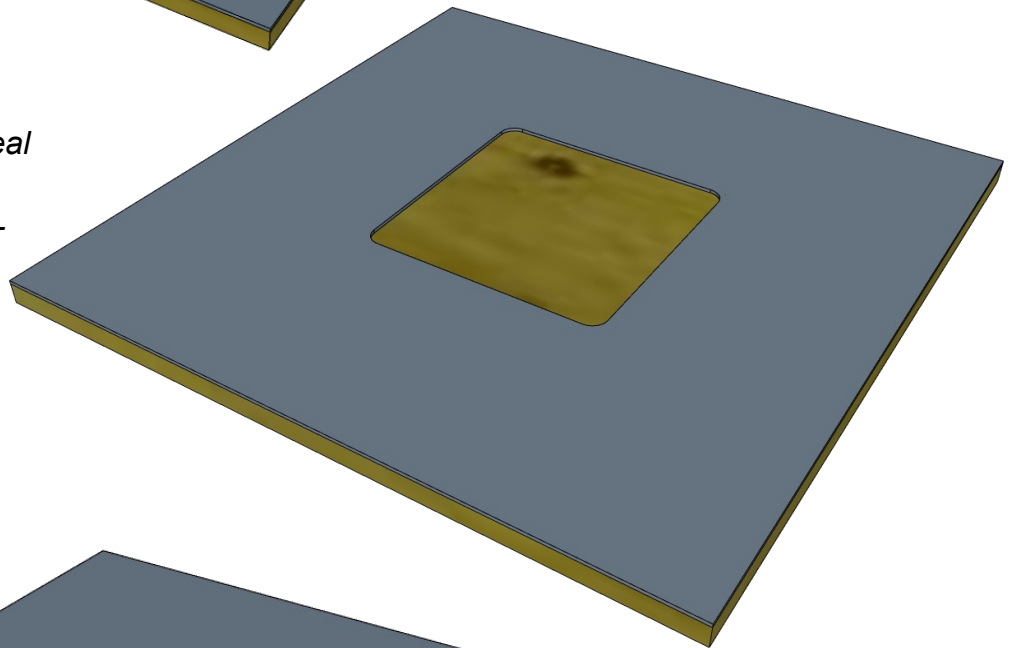
Stages 1-3 involve setting out the roof, cutting back the existing roof covering and preparing the roof deck.

The thickness of the lead on the roof will dictate how much the roof deck needs to be routed out to take the baseplate of the IFP-MR



1. Set out the roof to take the IFP-MR fixing points

2. Cut out the lead to reveal the roof deck, leaving a margin to allow for expansion and contraction

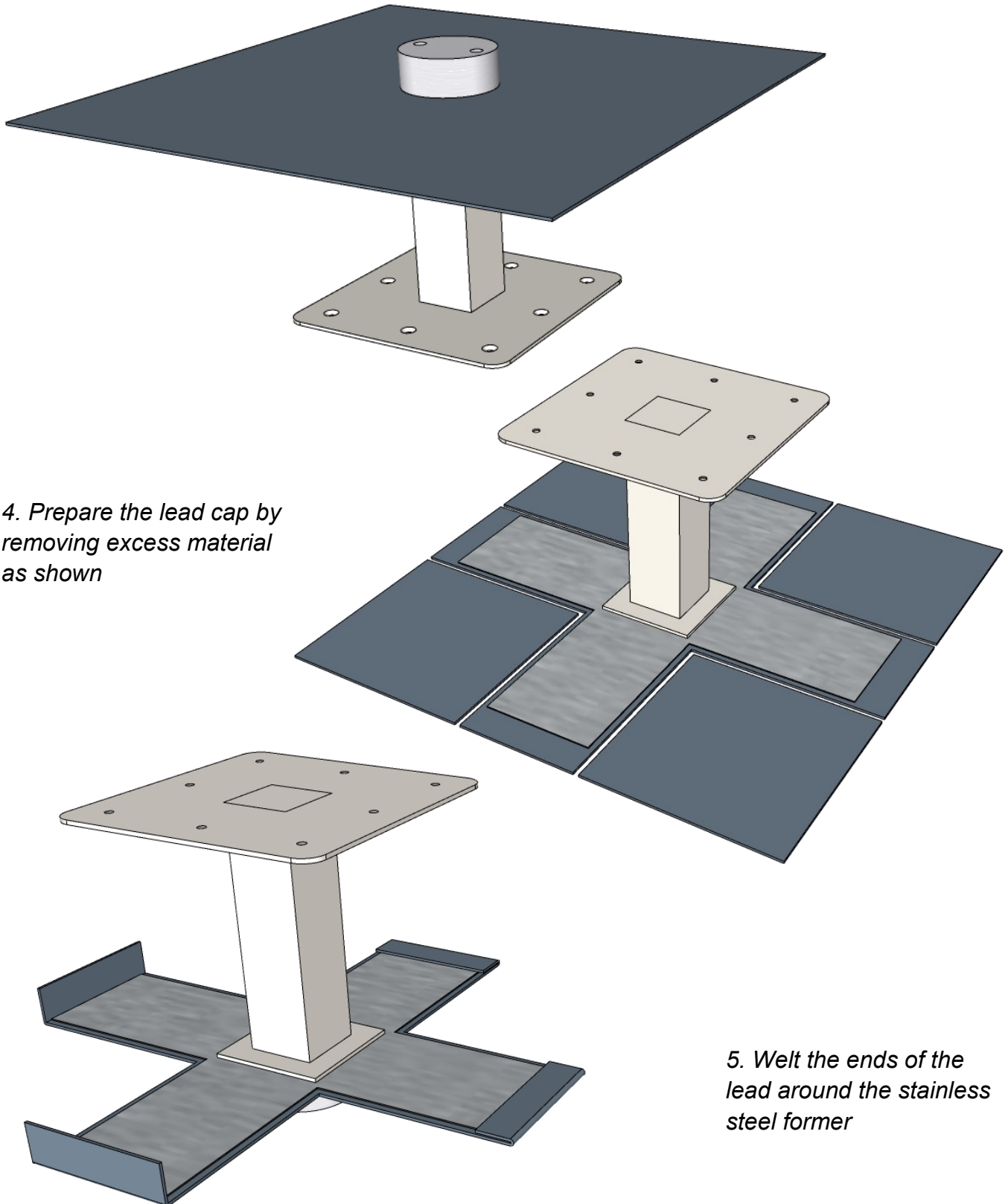


3. Reduce the thickness of the roofdeck to allow the IFP-MR base plate to sit flush with the lead on the roof.

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Stages 4-5 are the preparation of the fixing point itself.

The IFP-MR is factory fitted with a C4 lead weathering flange and a stainless steel liner which is designed to be used as a former for the lead covering, enabling the installer to create a neat cap detail

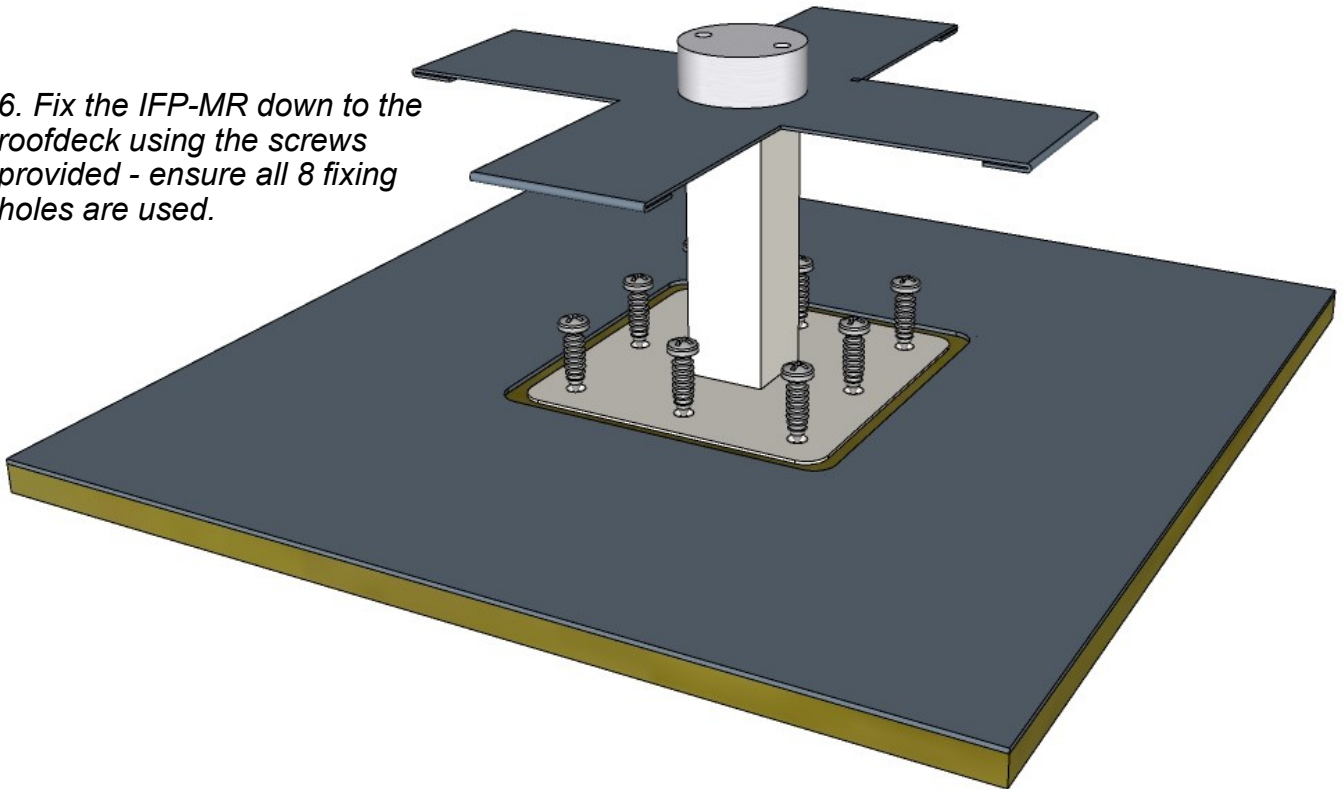


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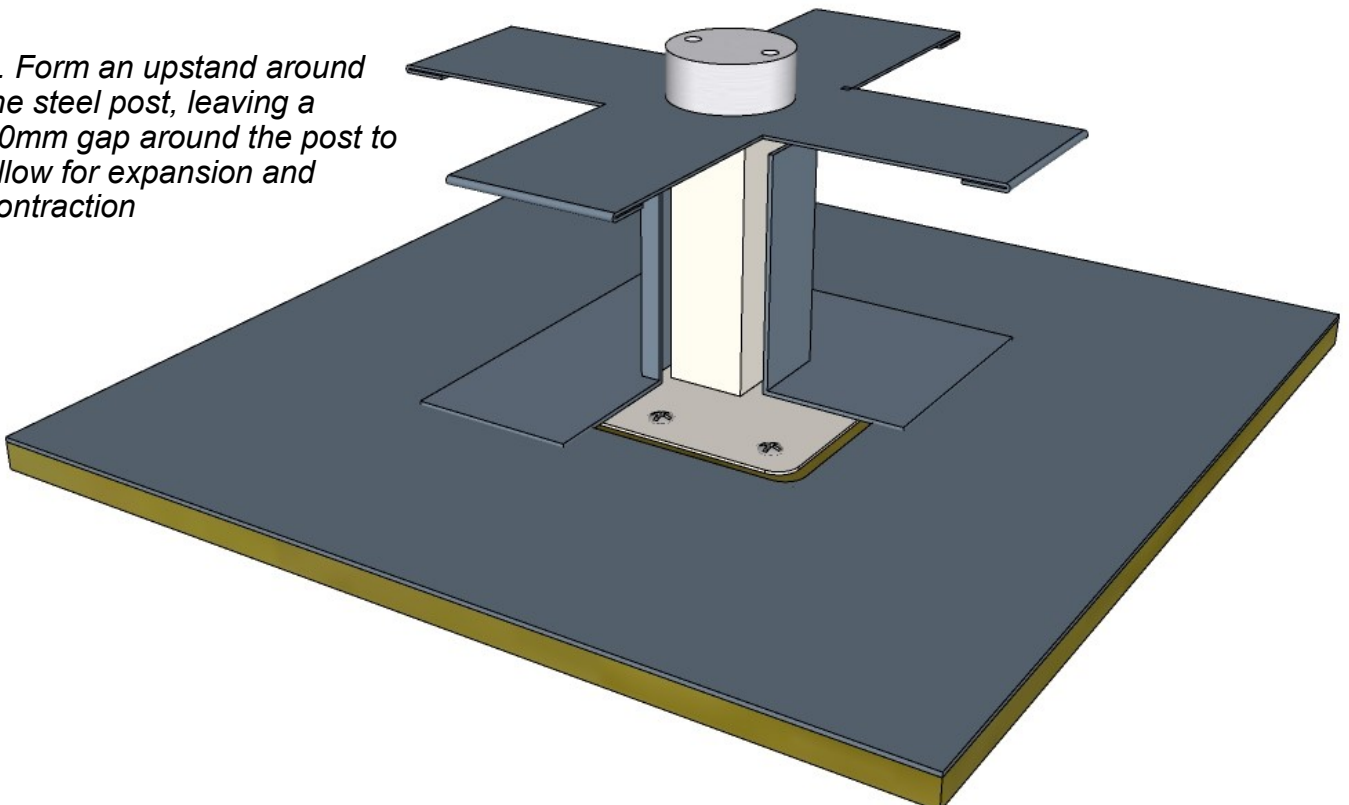
Stages 6-7 are the fixing of the IFP-MR and creating the weathering upstand

Ensure all 8 of the fixing holes are used to fix the IFP-MR down to the roof deck. Create a weathering upstand, leaving a 10mm gap around the post to allow for expansion and contraction. Weld or seal the upstand to the main roof covering in the usual way.

6. Fix the IFP-MR down to the roofdeck using the screws provided - ensure all 8 fixing holes are used.



7. Form an upstand around the steel post, leaving a 10mm gap around the post to allow for expansion and contraction

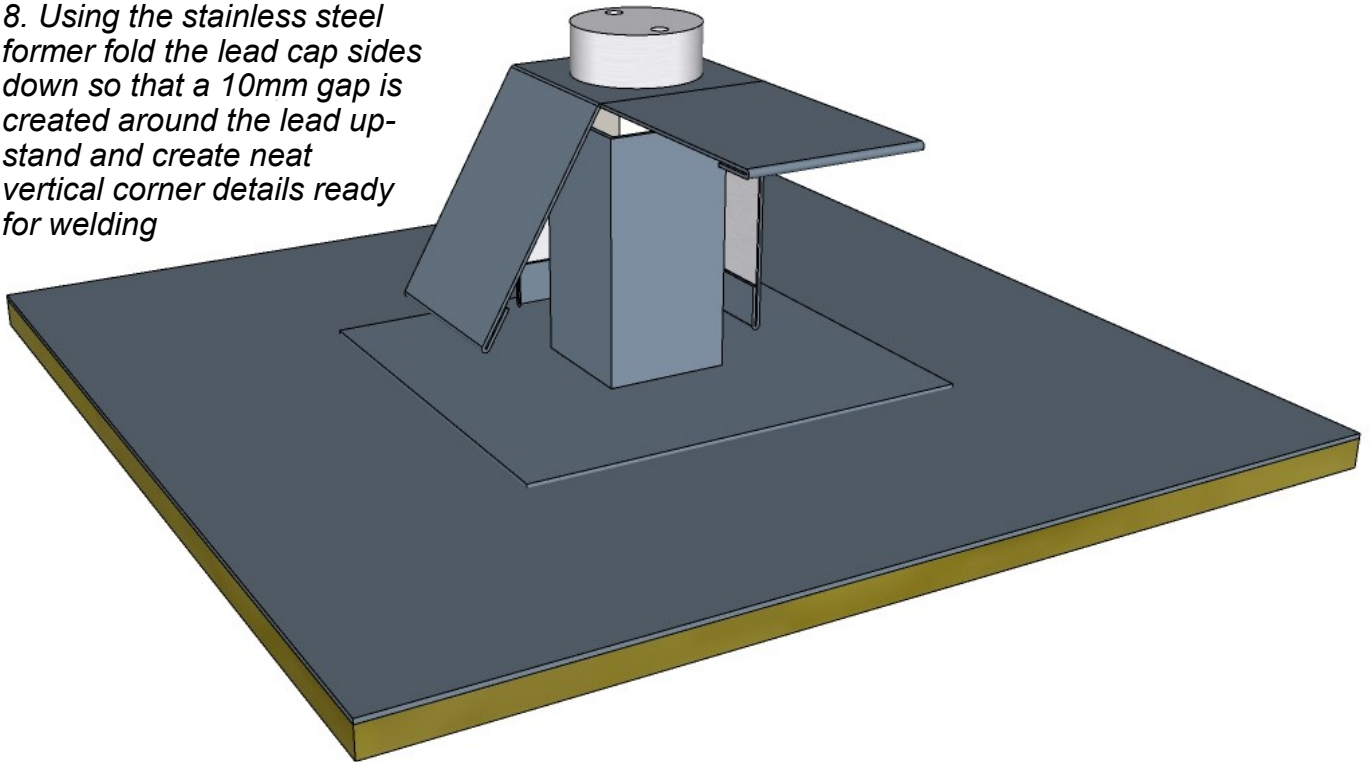


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Stages 8-9 are the forming and finishing of the weathering cap

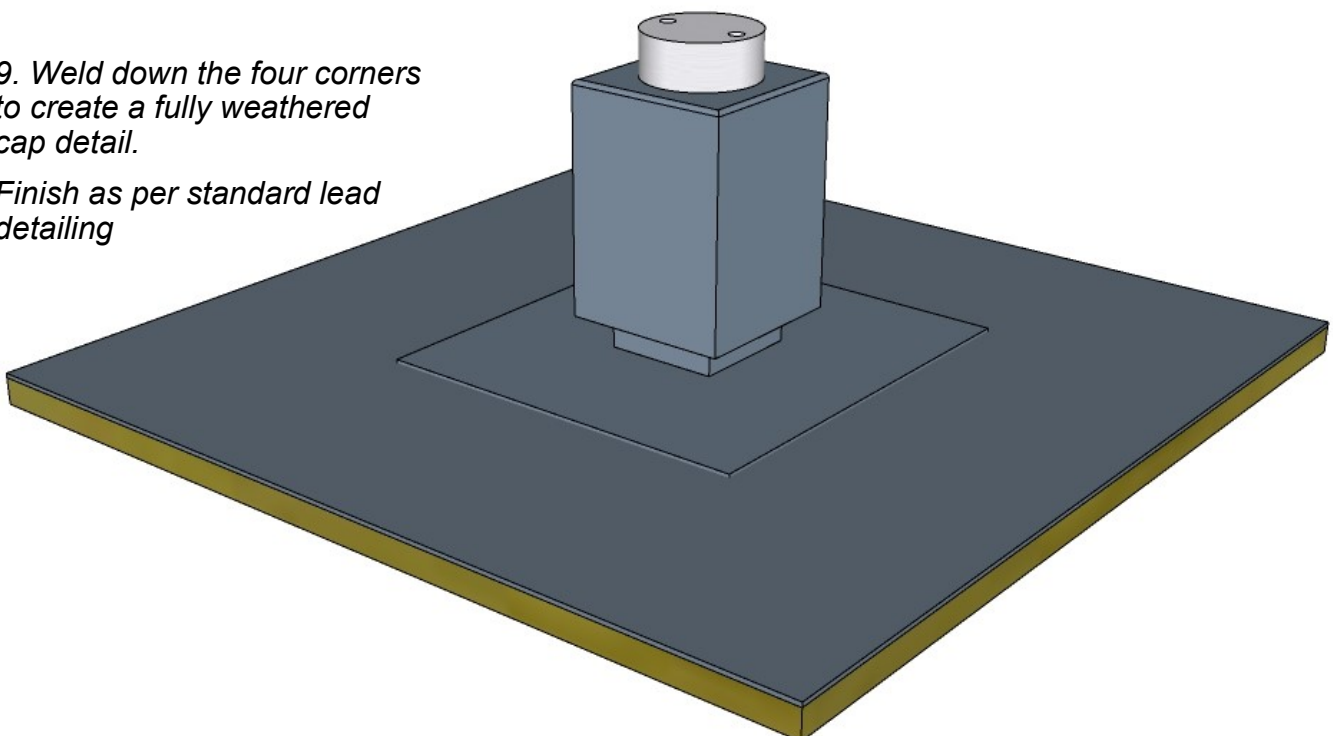
Using the stainless steel former, fold down the four sides of the cap and create neat vertical corners for welding. The stainless steel former should enable the installer to maintain a second 10mm wide gap between the lead upstand and the cap for further expansion and contraction.

8. Using the stainless steel former fold the lead cap sides down so that a 10mm gap is created around the lead upstand and create neat vertical corner details ready for welding



9. Weld down the four corners to create a fully weathered cap detail.

Finish as per standard lead detailing





CAUTION

**Trip Hazards on this roof –
proceed with care!**

Place this warning notice in an appropriate position to warn operatives *before* accessing the roof area