



Installation Guide

tactray 90

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LIGHTWEIGHT ROOFING

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lightweight composite slate | lightweight granulated tile panels | lightweight tile effect sheets | flat-to-pitch roof conversions | structural liner trays | door canopies | decorative exterior paint

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Equipment list



Combi Drill



Impact Driver



IDL Sealant



Stitchings



Main Fixings



Measuring Tape

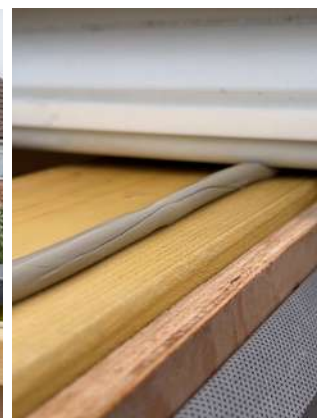
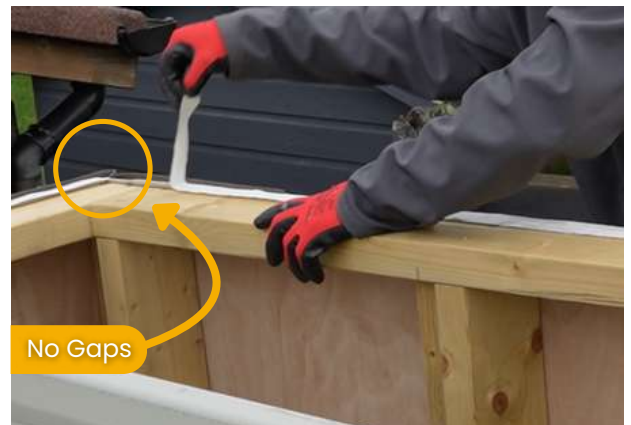


Gloves

**Before installation, check that the substrate and support structure are clean, secure and ready to receive the tray 90 trays.*

Prepping to install

- 1** Run IDL sealant along all perimeters of the building where the trays will be installed.
- 2** Ensure the IDL sealant is applied as a continuous run with no gaps around the perimeter.
- 3** Remove the tape from the IDL sealant before placing the tray into position. Once the tray is installed, the IDL sealant will help create an airtight seal.



Preping to install

- 1** Place the first tray along the edge of the verge, using the roof edge as a guide to keep the tray straight and correctly aligned before fixing.
- 2** Check the tray is correctly positioned before fixing, making sure it is aligned with the verge and sitting squarely on the substrate.
- 3** Measure the overhang to make sure the tray remains aligned and does not run out.
- 4** Use a string line where required to help keep the tray straight and correctly positioned. Do not fully secure the tray until the alignment and overhang have been checked.



Installing tactray 90

- 1** The trays are designed with different sized upstands so they can overlap correctly.
- 2** Place the next tray over the first tray, ensuring the lap sits correctly over the upstand. Align both ends of the trays.
- 3** Before stitching the trays together, check that the lap is sitting correctly and the factory-fitted gasket is properly positioned. When the trays are stitched together, the gasket will help create an airtight seal.



Installing tactray 90

- 1 Once the trays are lapped and aligned, fix the trays together along the upstands. Use stitching fixings along the upstands at 500mm centres.
- 2 When the trays are stitched together and in position, secure the tray to the substrate. Use five main fixings at each end of the tray. If intermediate purlins are used, three fixings are required at each intermediate support.
- 3 Then fix the side perimeter at 500mm centres using the supplied main fixings. The fixing type may vary depending on whether the substrate is timber or metal.
- 4 Repeat the process for each tray, lapping each tray over the previous tray. Continue checking that each tray remains aligned, correctly lapped and securely fixed as the installation progresses. Ensure the IDL tape is removed before each tray is positioned and that the correct fixings are used at each tray end, intermediate support and side perimeter.

Fixings 500mm along the trays



Five main fixings



Purlins Three Fixings



Side perimeter fixings



Continue lapping each tray

