WarmSEAL® Insulated Roofing Substrate Checklist
Steel Tray Substrate

Project Name: _____   Sub-Contractor: _____

Area Ready: _____   Date: _____

✓	**Ensure steel tray has been fixed to the following specification:**		
☐	Architect and builder are responsible for correct design, including falls, constructions and detailing of substrate		
☐	Steel tray is clean and dry with no damage or sharp edges.		

Steel tray maximum allowable span spacings & fixings	Mid	End
Steel & Tube ST7 .55g Zincalume	2.9m	1.9m
Steel & Tube ST900 .55g Zincalume	3.5m	2.8m
12g Timber purlin C4 galvanised screws	55mm	55mm
12g Steel purlin C4 galvanised screws	20mm	20mm

(checkboxes ☐ to left of each table row)

☐ Ensure minimum falls are met to comply with E2/AS1 8.5.1 (when using flat polyiso).

☐ Mid span is a min of 3 purlins, end span min of 2 purlins.

☐ Steel tray is fixed in reverse with trough facing upwards (flat at the top). Fixings are through each rib and at every purlin with 12g C4 galvanised screws.

☐ 150mm maximum overhang of steel ends.

☐ All sides and soffits of steel are structurally supported.

☐ 5mm chamfers to all external timber edges.

☐ All Sealco outlets and other accessories installed to Sealco specifications.

☐ Ensure no excessive weight on steel tray (point loading) max 110kg mid span.

☐ Cavity venting has been allowed for where necessary. Where the minimum R-value for the climate zone has been met then cavity venting is not required.

Important Notes: *All construction and installation must comply with the NZ Building Code.*
Correct substrate installation is critical for the performance and durability of the membrane and insulation.
Failure to comply with the substrate specification my affect the Sealco product warranty.
For further information, please contact your local Sealco Ltd representative.

When the substrate is ready, complete this form and send through to your Sealco approved installer.