

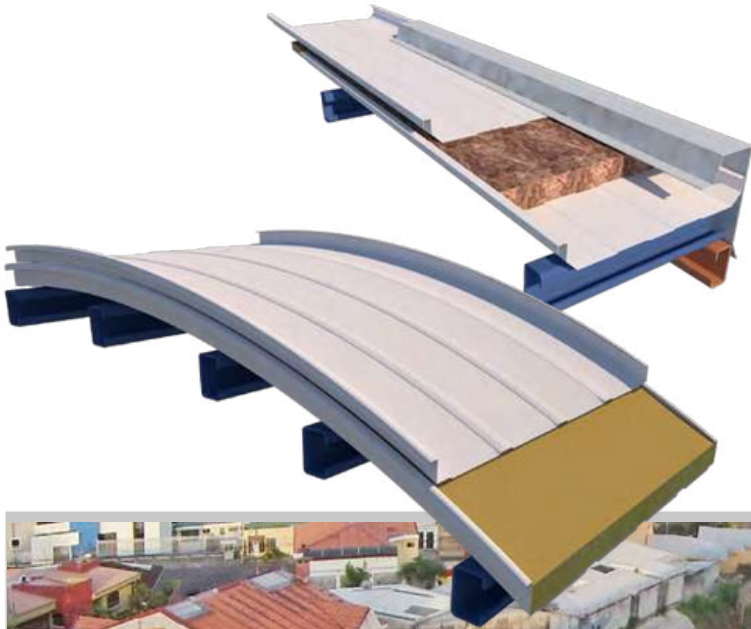


TOTAL LOCK COMPOSITE PANEL ROOFS

Composite panel roofing trays are widely used as they provide a roofing solution that incorporates thermal-acoustic insulation without sacrificing aesthetic appeal. They are frequently used as ceilings with exposed structures.

The most common types of insulation are polystyrene, polyisocyanurate, mineral wool (also known as rockwool) and fiberglass (see Insulation).

Composite panel (or sandwich-type) roofing trays allow for wider spacing between rafters and frequent traffic.

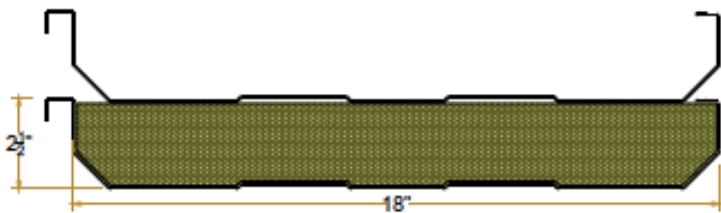
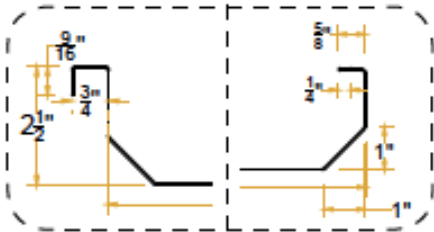




TOTAL LOCK 18B-45B COMPOSITE PANEL ROOFING TRAYS

TL 18B-45B composite panel roofing trays support the widest spacing between rafters. With 63 mm standing seams, they also provide the highest hydraulic capacity and are ideal for large, long span surfaces.

The minimum insulation width required is 50 mm.



COMPOSITE PANEL PROPERTIES

TL 18B-45B

Standing seam		63.5 mm
Width		453 mm-460 mm
Insulation thickness		50 mm-100 mm
Sandwich panel total thickness		127 mm-163 mm
Max. weight by m2 (26 gauge)		10.42 kg-10.60 kg
Max. weight by m2 (24 gauge)		11.3 kg-11.48 kg
Min. R-value (°F·ft²·h/BTU)		5.14-14.38
Min. slope		5%
Max. spacing between rafters (27 gauge)		2.85 m
Max. spacing between rafters (26 gauge)		3.15 m
Max. spacing between rafters (24 gauge)		3.66 m