



FlintBoard®

Polyisocyanurate
Roof Insulation Products
Fastening Guide



CertainTeed

CEILINGS • DECKING • FENCE • GYPSUM • INSULATION • RAILING • ROOFING • SIDING • TRIM
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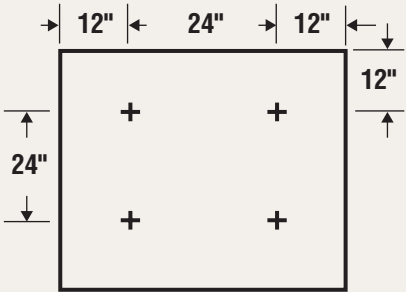
Fastener Placement

4 x 4 ft. (1.2 x 1.2 m) Boards

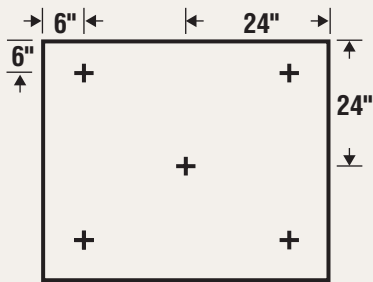
In conjunction with General Recommendations Section 15.4.1 of the CertainTeed Roof Systems Manual, CertainTeed recommends the designer consult with local code agencies as well as applicable insurance rating bureaus, such as FM Global, prior to wind uplift calculations to determine fastener placement and densities in the field and at perimeters and corners. The diagrams in this guide are suggested as default patterns.

For fastening densities not featured in this guide the designer should consider:

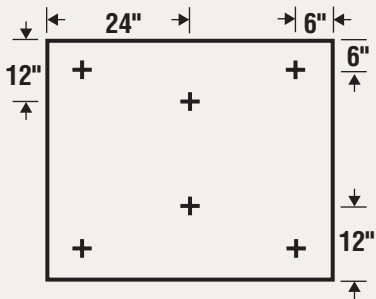
- Edge fasteners are a minimum of 6" from insulation board edges
- Fasteners are evenly distributed over the board area
- All fasteners engage the top flange of steel decking



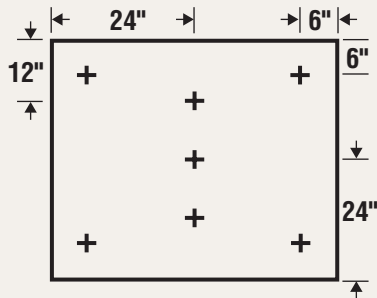
4 Fasteners/Board



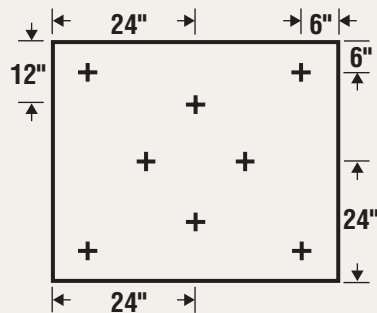
5 Fasteners/Board



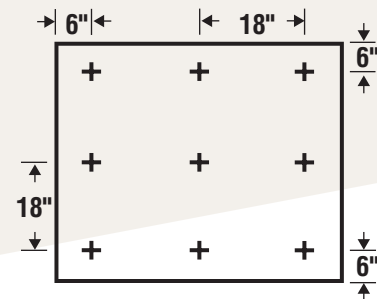
6 Fasteners/Board



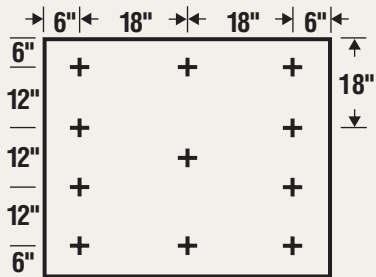
7 Fasteners/Board



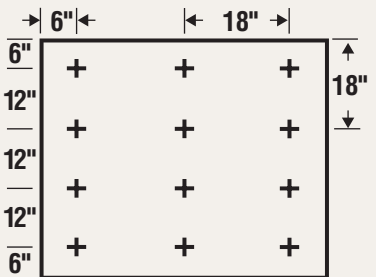
8 Fasteners/Board



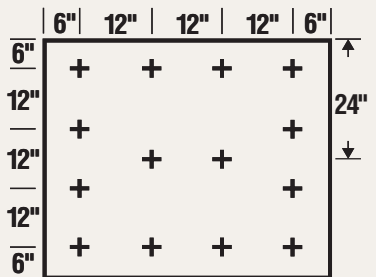
9 Fasteners/Board



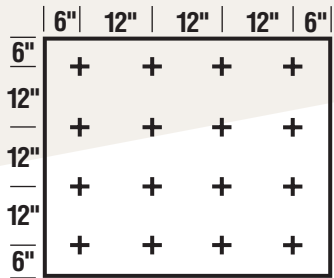
11 Fasteners/Board



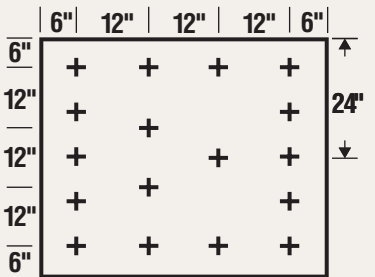
12 Fasteners/Board



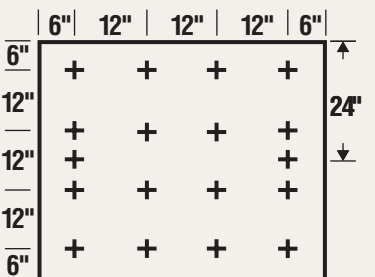
14 Fasteners/Board



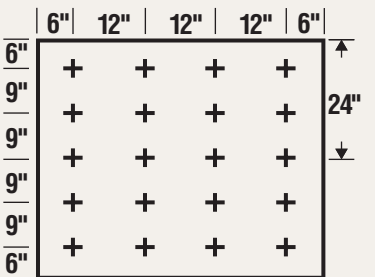
16 Fasteners/Board



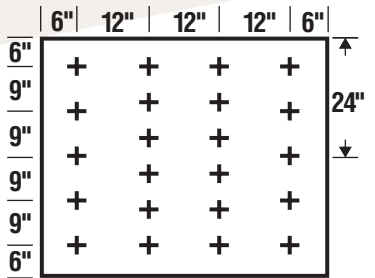
17 Fasteners/Board



18 Fasteners/Board



20 Fasteners/Board



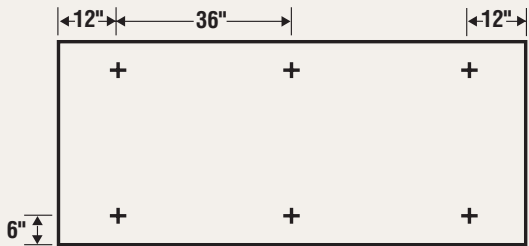
22 Fasteners/Board

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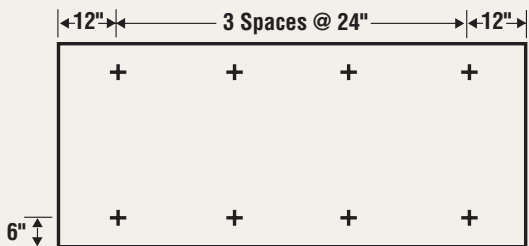
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Fastener Placement

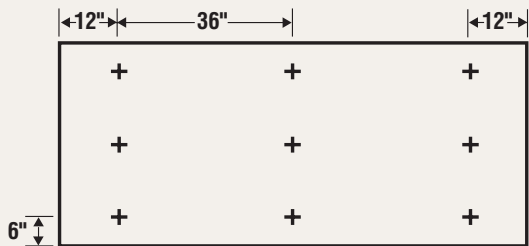
4 x 8 ft. (1.2 x 2.4 m) Boards



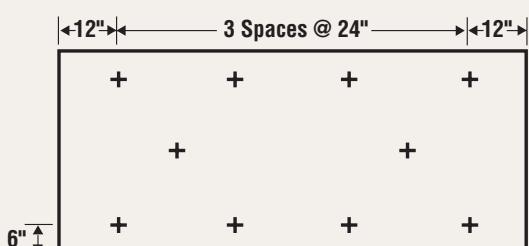
6 Fasteners/Board



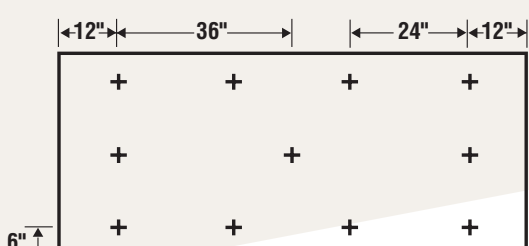
8 Fasteners/Board



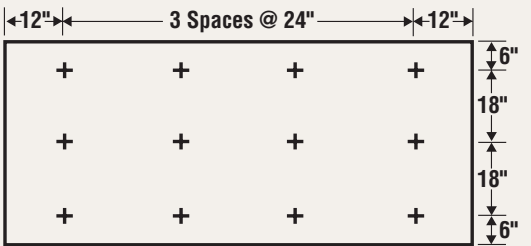
9 Fasteners/Board



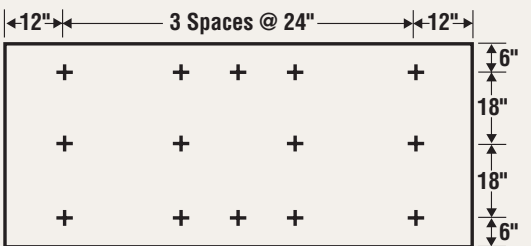
10 Fasteners/Board



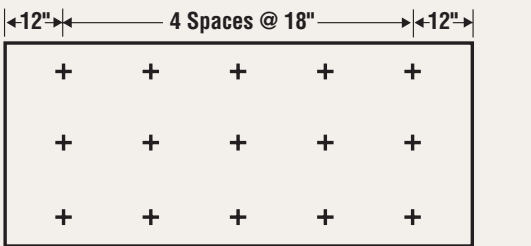
11 Fasteners/Board



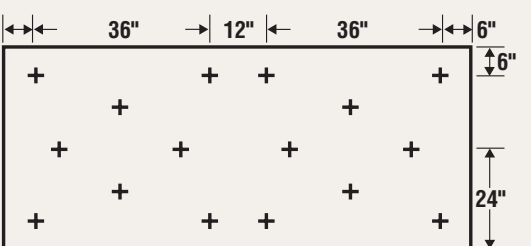
12 Fasteners/Board



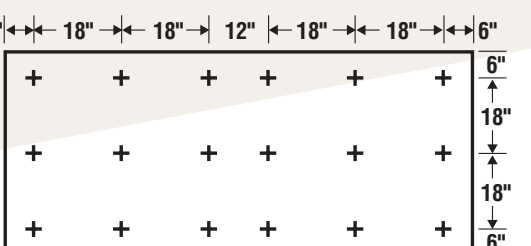
14 Fasteners/Board



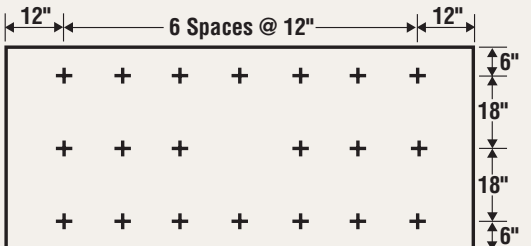
15 Fasteners/Board



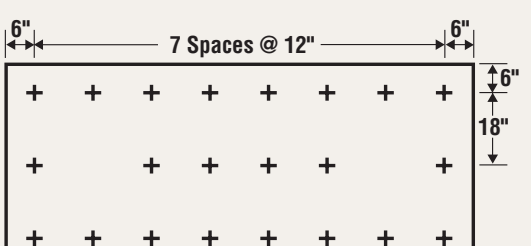
16 Fasteners/Board



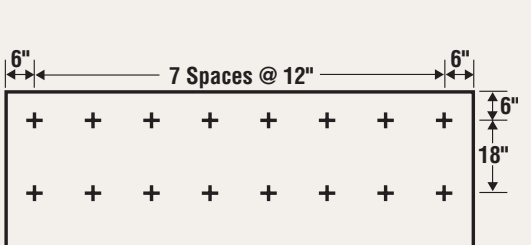
18 Fasteners/Board



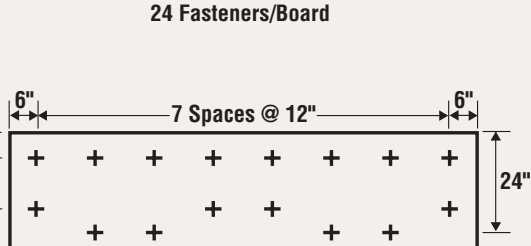
20 Fasteners/Board



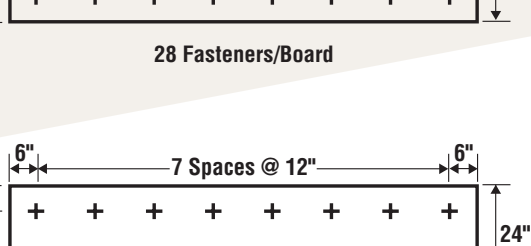
22 Fasteners/Board



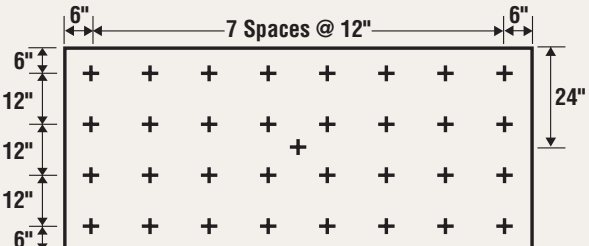
24 Fasteners/Board



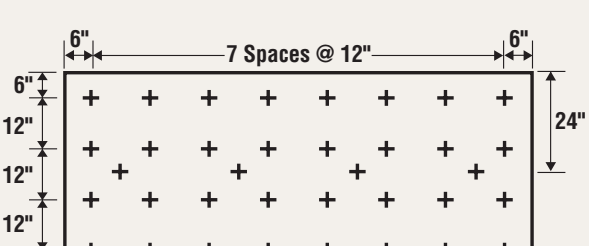
28 Fasteners/Board



32 Fasteners/Board



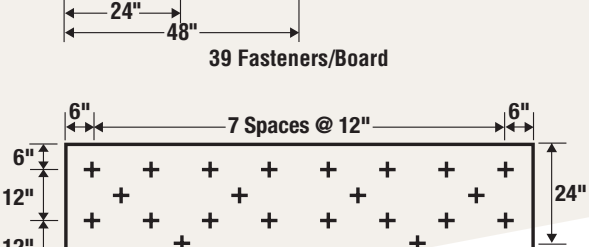
33 Fasteners/Board



36 Fasteners/Board



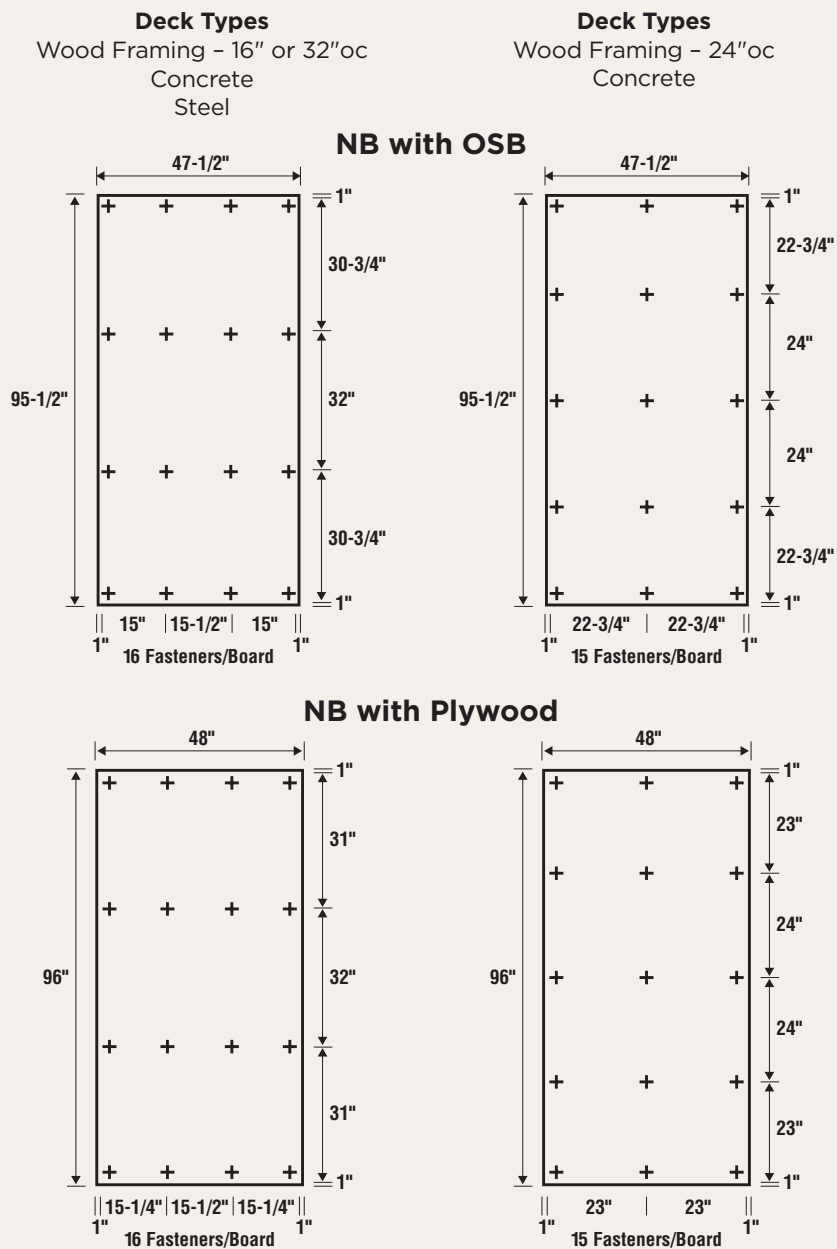
39 Fasteners/Board



42 Fasteners/Board

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FlintBoard ISO NB Fastener Placement



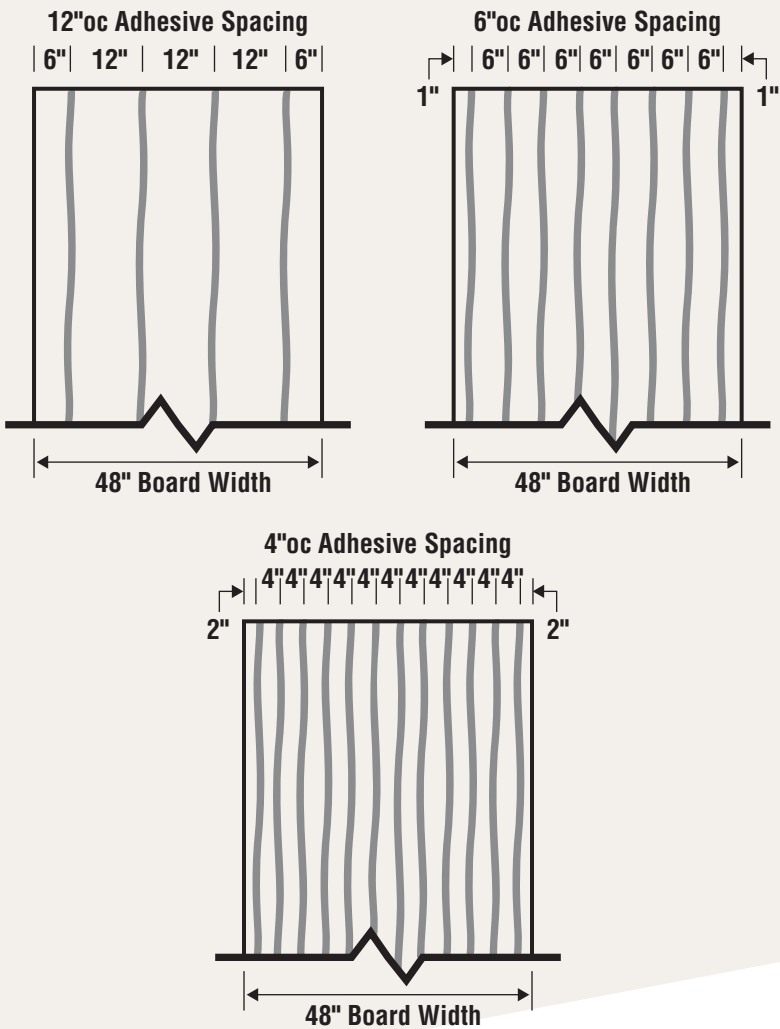
Note:

- FlintBoard ISO NB must be installed on a structural deck; Do not install directly to framing; FlintBoard ISO NB is not a structural panel
- Use SIP fasteners
- Fastener must penetrate the structural deck by at least 1"
- Use with shingles, slate, tile, and standing seam metal
- For slate and tile roofs, contact manufacturer for recommendations
- For UL-90 rated assemblies under select metal roof systems, please contact the Standing Seam Metal manufacturer for approved fastener, plate and fastening pattern

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Adhesive Placement

4 x 4 ft. (1.2 x 1.2 m) Boards



Note:

- Adhesive may be applied in parallel rows or serpentine fashion
- Consult CertainTeed Commercial Technical Services for perimeter enhancements
- Consult Adhesive Technical Data Sheet for ribbon sizing and application