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

### Fastener Placement

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

- **4 Fasteners/Board**
- **5 Fasteners/Board**
- **6 Fasteners/Board**
- **7 Fasteners/Board**
- **8 Fasteners/Board**
- **9 Fasteners/Board**
Fastener Placement

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

11 Fasteners/Board

17 Fasteners/Board

12 Fasteners/Board

18 Fasteners/Board

14 Fasteners/Board

20 Fasteners/Board

16 Fasteners/Board

22 Fasteners/Board
**Fastener Placement**

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

- **6 Fasteners/Board**
- **12 Fasteners/Board**
- **8 Fasteners/Board**
- **14 Fasteners/Board**
- **9 Fasteners/Board**
- **15 Fasteners/Board**
- **10 Fasteners/Board**
- **16 Fasteners/Board**
- **11 Fasteners/Board**
- **18 Fasteners/Board**
Fastener Placement

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

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

36 Fasteners/Board