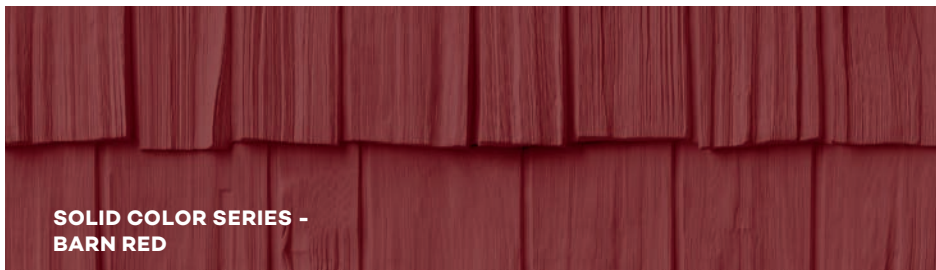


# The New Face of Building Exteriors.



## INSTALLATION GUIDE



## M SERIES™ CORNER

Tando provides these instructions as general guidelines only. The contractor and/or installer shall be responsible for ensuring that all applicable local building codes are followed, which may require modification of these general guidelines. Tando assumes no liability for personal injury or property damage resulting from improper or careless application of the described techniques.

For more information on Tando and its wide variety of state of the art products, please call us at 844-MY-TANDO (844.698.2636).

Installation Guidelines can be downloaded from our website: [www.tandobp.com](http://www.tandobp.com).

# M SERIES™ CORNER INSTALLATION GUIDE



## GENERAL INFORMATION

1-Tando products are intended for use in a vertical placement only and are not designed or warranted for roofing or flooring applications. However mansard roofs with a 45/12 slope or greater are acceptable applications.

2-Tando products are designed as an exterior cladding, not as a weather resistant barrier. TandoShake is designed to allow the material underneath it to breathe; therefore, it is not a watertight covering. To achieve designed performance, TandoShake must be installed over a weather resistant house barrier system, such as house wrap.

3-As with the majority of exterior building materials, Tando products will expand and contract with a change in temperature. Therefore, during installation it is necessary to position the TandoShake properly to compensate for temperature effects.

4-It is essential to work over a smooth, flat, nailable wall surface, (i.e. minimum 7/16"(1,11cm) OSB board or plywood is recommended). If Tando products are being installed over furring strips, furring strips must be installed on a 45° angle, spaced 8"(20,32cm) center to center, while ensuring that the side seams are supported by furring strips.

5-Fixtures cannot be installed directly onto TandoShake; always use a wooden support or specifically designed mounting blocks to attach fixtures. Follow the mounting block manufacturer's installation instructions and ensure proper clearance to the TandoShake (recommended minimum of 1/4"(0,64cm)) to allow room for expansion and contraction.

6-Non-corrosive fasteners are required to secure the product and they must penetrate through the solid surface by at least 1 1/4"(3,18cm) and into a solid substrate by at least 7/16"(1,11cm).

7-Always begin the installation at the lowest point of the structure, work from left to right installing one row at a time, and completing one wall before beginning another.

8-Store product on edge (vertical), do not stack flat.

9-Keep the R-E-L number, located on the box of your products (ex: REL-123456) for future reference.

10-To cut the material, it is recommended to use a circular saw with a thin kerf finishing blade.

11-Some finish trims such as J-channel and Outside Corner Post, must be installed on wall prior to installation of TandoShake. Follow the finish trim manufacturer's instructions for proper installation.

12-Fastening TandoShake should not restrict movement. Fasteners should be driven straight into the center of any nailing slot with the head of the fastener making light contact with the product, allowing the section to be hung. The center nail hole must always be securely fastened to ensure that TandoShake expands and contracts from the center out.

13-If a partial piece is used at either end, a new center hole should be created, by drilling a 1/8"(0,32cm) hole in the top flange, near the center of the section at the same height as the other installation holes.

14-If face nailing is employed, pre-drill a hole in an inconspicuous area, such as a shingle seam. The hole must be larger than the shank of the nail or screw, but smaller than the head, to allow for possible thermal movement. The head can be covered with matching paint or caulk.

15-It is best to work with the product at waist-level, allowing the installer to inspect the back of the product, verifying that all fingers are properly engaged. Do not force product down onto the flange of the lower row, as this may damage the stop posts and/or will override the expansion joints and cause buckling.

16-Fitting product between windows and around openings requires a spacing of 1/4"(0,64cm) to allow for expansion.

17-Variations in shade and color are an inherent characteristic of TandoShake weathered color.



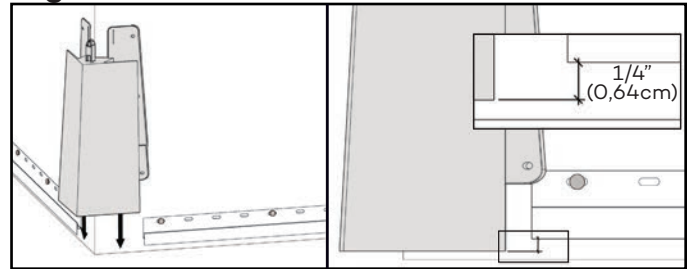
# M SERIES™ CORNER INSTALLATION GUIDE

## VERTICAL & MANSARD APPLICATION

Note: The following illustrations show the *M series™* corner installation on vertical application. However, the installation steps provided in this guide are for both applications, vertical and mansard (with a minimum slope of 45/12). For more details about the Hand Split Shake installation, see its specific installation guide.

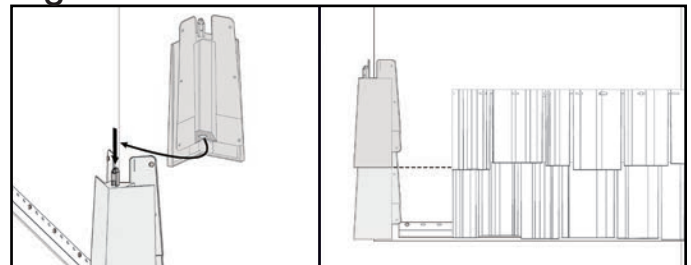
1-Install a first corner about a 1/4"(0,64cm) below the starter strip and fasten it at the top and the bottom on both sides of the corner (Figure 1).

Figure 1



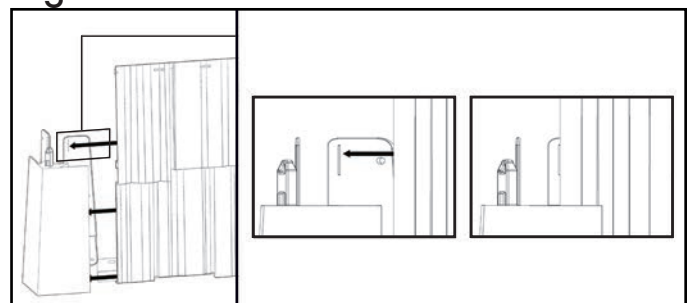
2-Install another corner onto the previous one and adjust its height according to the middle butt line of the first pre-cut section (Figure 2). Since it is not possible to exactly match the two shakes that will meet at the wall corner, compensate by finding an approximate location between the two. Adjustment may be made up to 1"(2,54cm) of travel. Once correctly positioned, slide section slightly to the right and fasten the corner as previously indicated.

Figure 2



3-Slide back the section into the receiving channel of the corners and align the section edge with the insertion mark (Figure 3).

Figure 3



4-Repeat steps 2 and 3 all the way to the wall top by installing one corner at a time and adjusting its height to maintain a nice and realistic look of Hand Split Shake. Note: install and fasten two corner pieces for one row of Hand Split Shake.

Installation tip: If desired, the exposed bottom of the lowest corner may be capped using a flat portion of the Hand Split Shake section. Use the template provided below to cut a small piece to fit the corner. The piece may be attached using pop rivets or small screws.

