

*Boosted
Barcelona*



Installation Guide

Boosted Barcelona

MonierLifetile's Boosted Barcelona provides a dramatic cosmetic enhancement to a standard España or S-tile roof. This product simulates the appearance of an old mission clay tile roof featuring a more irregular, artistic appearance than a standard España or S-tile installation. The installation is simple. Pre-scored tiles are readily made into easily installed Caps, which are attached to field tiles. The field tiles are installed like any other concrete field tile.



Before



After

Application

The field tiles are installed in precisely the same manner as any standard España or Barcelona and must meet the requirements in the current RTI/WSRCA Installation Manual. The instructions below explain how to attach MonierLifetile's Boosted Barcelona "Caps" to the previously installed field tiles.

Step 1: Separating the Pre-Scored Tile

The Boosted Barcelona Pre-Scored Tile is made for easy separation of three parts: the "Cap", "Boost", and "Pan". They are separated by tapping against a hard, straight edge or by carefully striking with a hammer. Once separated, as shown below, the Cap must have the nail hole fully punched through to allow the end of the clip through the hole. Now the Cap is ready for application onto an installed field tile.

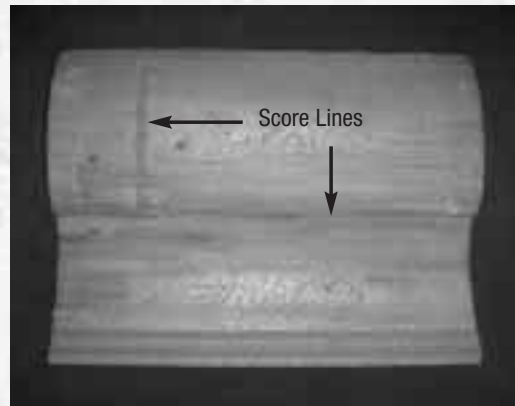


Figure 1:
Tile as shipped
on pallet



Figure 2:
Separate pieces
of Boosted
Barcelona Tile

Step 2: Attaching the clip

The clip (see Figure 3) is attached to the field tile by hooking over the head of the field tile as shown in Figure 4. The clips may be installed as the field tiles are being installed or may be applied after all the field tiles are installed. The clip is the mechanical attachment that holds the cap in place while the mortar and/or adhesive is applied between the cap and field tile. This clip must be used for each cap applied and permanently remain in place in all Boosted Barcelona applications. The bottom end of the clip is left straight to allow for easy application of the cap piece.

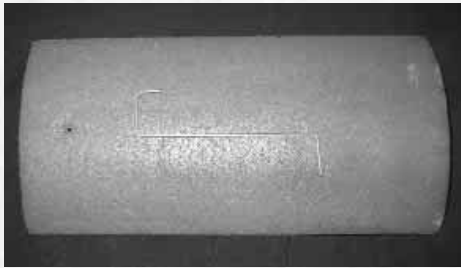


Figure 3:
Clip and Cap



Figure 4:
Clip over head
of field tile

Step 3: Attaching the cap

Install the cap by inserting the straight end of the clip through the nail hole of the cap (see Figure 5). Once the cap has been installed, the end of the clip is bent over to provide a more secure attachment and reduce the visibility of the clip from the ground.



Figure 5: Fixing the clip in place

Step 4: Applying mortar and adhesive

Lift the nose of the cap and place mortar and/or adhesive between the Cap and field tile as shown above. The mortar is made the same as that used in any other roofing application.

For a more dramatic appearance, a Boost may be installed between the Cap and field tile to further elevate the Cap, but must be mechanically attached with a wire tied through the nail hole in the Boost to the Boosted Barcelona Clip installed earlier. Also, there must be mortar and/or adhesive between each piece. Care must be taken to ensure an effective bond between all components.

In high wind regions, applying concrete compatible adhesive is also recommended in addition to the mortar. The adhesive shown in Figure 6 is a two-part polyurethane foam that is applied in sufficient amount and location to form a firm bond between the cap and the field tile. Do not apply too much foam, which may have an adverse effect on the finished appearance as it can be visible from the sides.



Figure 6: Polyurethane
foam adhesive used in
high wind regions

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