

Boosted Barcelona Caps

INSTALLATION GUIDE



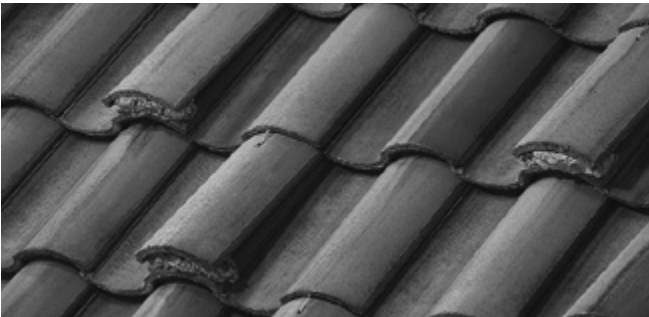
BOOSTED BARCELONA

Boosted Barcelona, Newpoint™ concrete roof tile, provides a dramatic aesthetic enhancement to a standard concrete Barcelona or S-tile roof. This product emulates the appearance of an old mortar-boosted clay tile roof featuring a more irregular, artistic appearance than a standard Barcelona or S-tile installation. The installation is simple and cost-effective. Single piece Caps are easily attached to the top of installed 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 Barcelona or España, and must meet the requirements in the current TRI Installation Manual. The instructions below explain how to attach Newpoint's Boosted Barcelona "Caps" to the previously installed field tiles.

Step 1: Separating the pre-scored tile

The single piece Boosted Barcelona Cap is a pre-scored tile that is made for easy separation into two parts: the "Cap" and the "Boost". 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 wire tie through the hole. Now the Cap is ready for application onto an installed field tile.

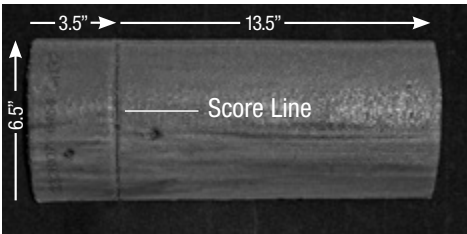


Figure 1:
Tile as shipped
on pallet

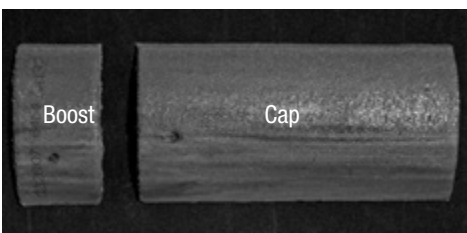
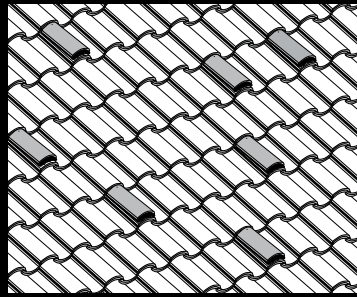
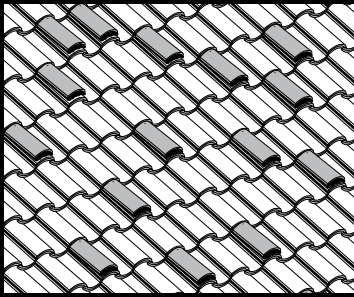


Figure 2:
Separate pieces
of Boosted
Barcelona Tile

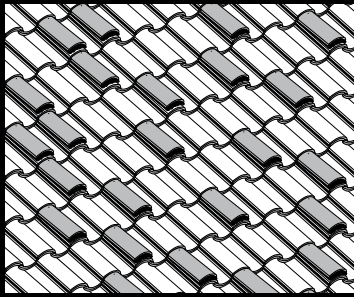
AVAILABLE APPLICATIONS



10% Boosted Application
Approximately 9 caps per square



20% Boosted Application
Approximately 18 caps per square



30% Boosted Application
Approximately 27 caps per square

Step 2: Attaching the clip

The Wire Tie (see Figure 3) is attached to the field tile by hooking over the head of the field tile as shown in Figure 4. The Wire Ties may be installed as the field tiles are being installed or may be applied after all the field tiles are installed. The Wire Tie 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 Wire Tie must be used for each Cap applied and permanently remain in place in all Boosted Barcelona applications. The bottom end of the Wire Tie is left straight to allow for easy application of the Cap piece.

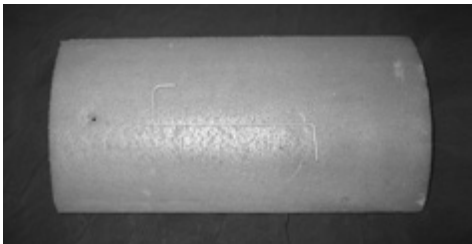


Figure 3:
Wire Tie and Cap

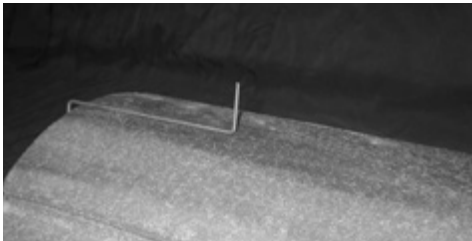


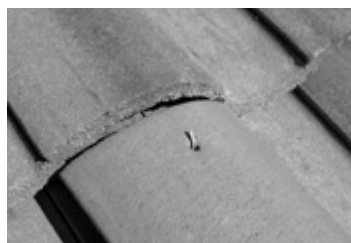
Figure 4:
Wire Tie over
head of field tile

Step 3: Attaching the cap

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



Figure 5:
Fixing the Wire
Tie 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 below. The mortar is made the same as that used in any other roofing application (see Figure 6).

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 Tie through the nail hole in the Boost to the Boosted Barcelona Wire Tie 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 7 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:
Cap placed on
tile with mortar
and Wire Tie

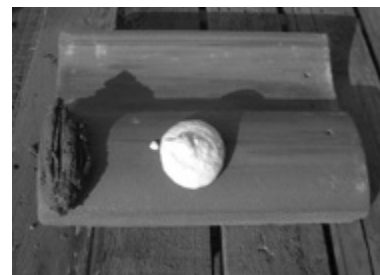


Figure 7:
Polyurethane
foam adhesive
used in high
wind regions



ABOUT WESTLAKE ROYAL ROOFING SOLUTIONS™

Westlake Royal Roofing Solutions™ is the combination of DaVinci® Roofscapes and the former Boral North America roofing product lines. The company is a recognized, national leader in durable and sustainable clay, composite, concrete, and steel roof systems and components. The company's offerings include US Tile® products, a legacy line of premium, stunning clay tile solutions manufactured to the highest standard of sustainability and craftsmanship: DaVinci® Roofscapes, beautiful and durable composite slate and shake roofing tiles; Newpoint™ Concrete Tile Roofing, the enduring line of concrete tile known for its superior strength, Class A fire rating and long-lasting beauty; Unified Steel™ Stone Coated Roofing, the ultra-lightweight roofing system which benefits from the structural strength of steel; and Westlake Royal™ Roofing Components, a full line of integrated roof components designed to deliver a higher standard of roof installation and performance.

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