Ekoroof Tile Ridge Installation Detail - Mortar Method

Ridge Fastener is #10 wood point, Corrosion Resistant & Approved Screw w/ EPDM washer & Hex or Concealer head, 1 1/2" long, attaching the ridge to the tile, color-matched for aesthetics.

<table>
<thead>
<tr>
<th>Concealer / Pancake Head</th>
<th>1/4&quot; Hex Drive</th>
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Apply a full bed of mortar at the ridge & hip junctions then attach the caps to the tiles as specified in the diagram. Each ridge cap is fastened at all corners with at least one fastener as shown. Additional fasteners may be used at each contact point with tile, if desired. After fastening ridge & hip caps, provide a smooth finish to color-matched mortar along all gaps.

Fill gaps with roofing mortar color-matched to tile for aesthetics.

additional fasteners optional

drawings not to scale
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Concealer / Pancake Head | 1/4" Hex Drive

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Concealer / Pancake Head 1/4" Hex Drive

Install C-Channels at the top of the ridge, then fasten Ekoroof LiteTile panels abutting the inner part of the channel. Ekoroof tiles may be cut to fit. Fasten ridge cap by penetrating through top lip of C-Channel. Additional fasteners may be used at each contact point with tile, if desired.

End caps are 26ga sheet metal, seal seams with sealant, and attach to C-Channels via pop rivets spaced 4" O.C. Add sealant to end cap at ridge cap seam. Sealant type is Ekoroof Sealant, NPC Sealants Solar Seal 900®, or equivalent.
Apply roofing cement to bottom of C-Channels and mark the necessary spacing by using the Ekoroof Ridge Cap as a guide, then permanently install at the top of the ridge by fastening at lower edge every 4" O.C. with approved 1 1/4" RS Roofing Nails. Fasten Ekoroof LiteTile panels abutting the inner part of the channel, and seal with sealant described below at the abutment point. Add a bead of sealant to the top lip of the C-Channel and fasten ridge cap by penetrating through top lip of C-Channel and high point of Ekoroof tile beneath it. Additional fasteners may be used at each contact point with tile, if desired. All C-Channel overlaps shall be 6" minimum, and sealed. Sealant type is Ekoroof Sealant, NPC Sealants Solar Seal 900®, or equivalent. This detail also covers Hip installation.

Pitch affects C-Channel geometry. Always use Ridge Cap as a guide to ensure proper alignment of cap & C-Channel before installing metal. Then cut top-most end of Ekoroof tile as needed to sit flush against back of C-Channel.