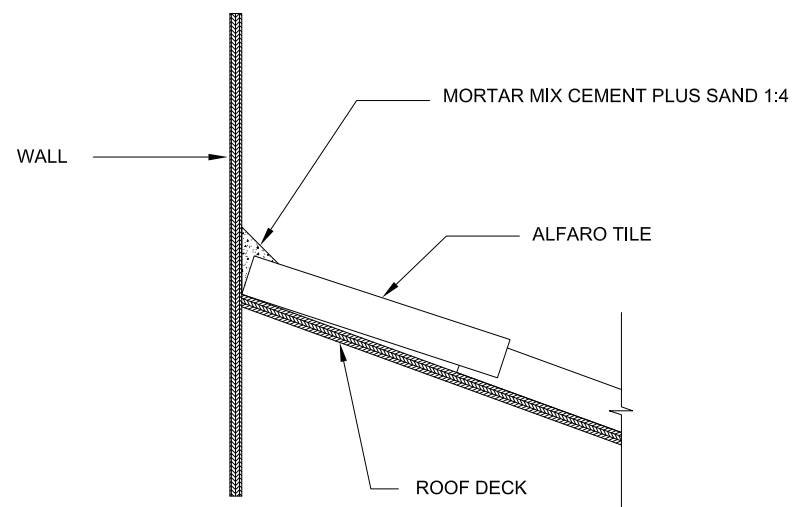
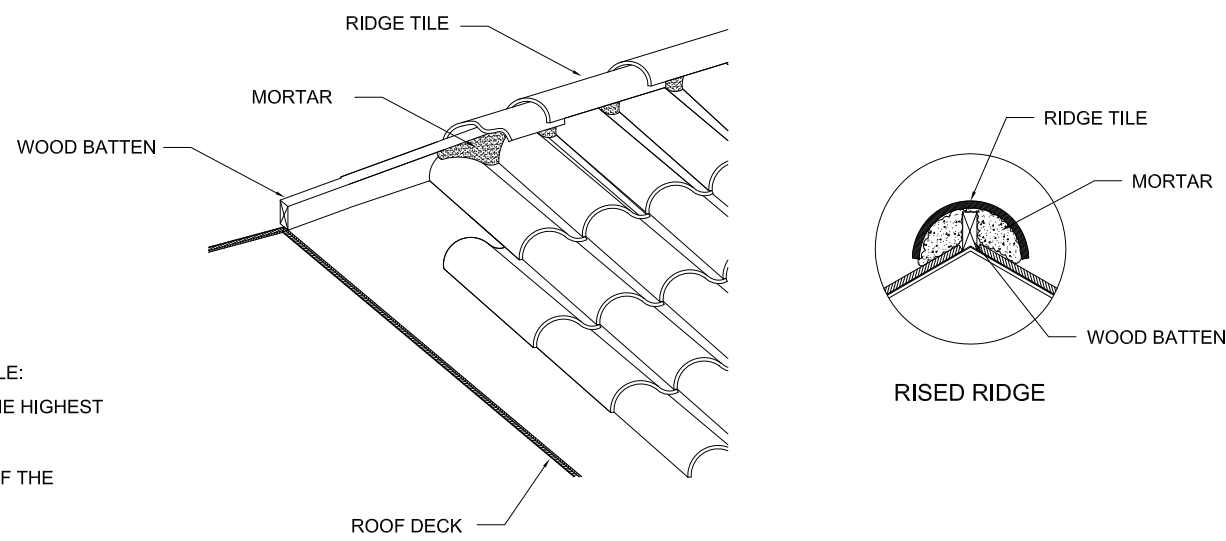


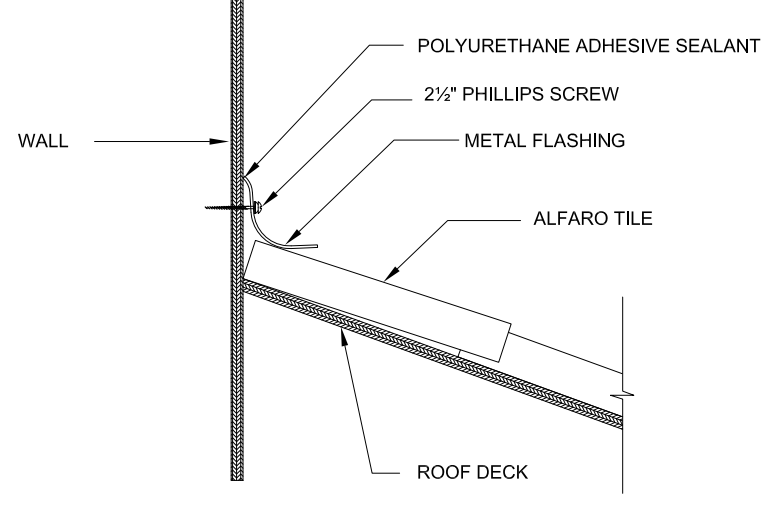
RIDGE INSTALLATION

RECOMMENDED GUIDELINES TO INSTALL THE RIDGE TILE:
-INSTALL 3/4" X 1 1/2" HORIZONTAL WOOD BATTEN AT THE HIGHEST POINT OF THE ROOF TO ALIGN THE RIDGE.
-FILL IN WITH MORTAR AS NECESSARY ON THE SIDE OF THE BATTENS IN ORDER TO PLACE THE RIDGE TILE.



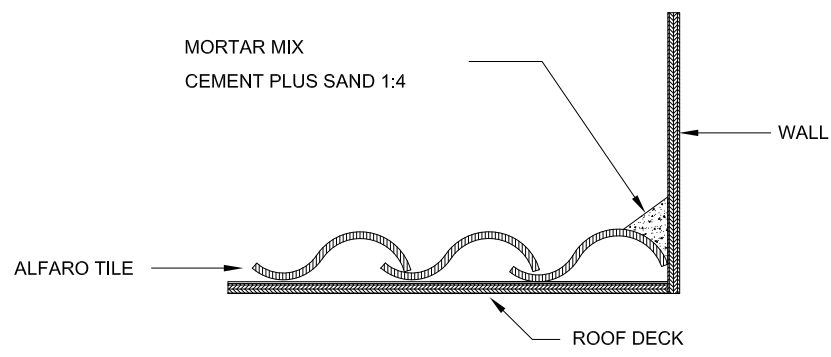
ROOF-TO-UPPER WALL FINISHED DETAIL
MORTAR

IN ORDER TO HAVE BETTER SEALING RESULTS, IT IS RECOMMENDED TO PLACE MORTAR AT THE WALL AND TILE JOINT, AS SHOWN



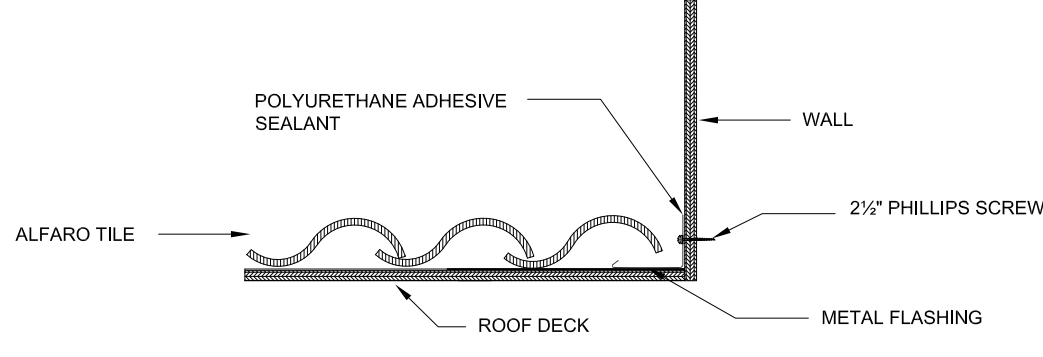
ROOF-TO-UPPER WALL FINISHED DETAIL
METAL FLASHING

TO ENSURE PROPER SEALING, INSTALL METAL FLASHING AS SHOWN. USE 2 1/2" PHILLIP SCREW AND SEAL WITH POLYURETHANE ADHESIVE SEALANT AT JOINT BETWEEN FLASHING AND WALL.



ROOF-TO-SIDE WALL FINISHED DETAIL
MORTAR

TO ENSURE PROPER SEALING, APPLY MORTAR AT WALL AND TILE JOINT, AS SHOWN IN THE DRAWING.



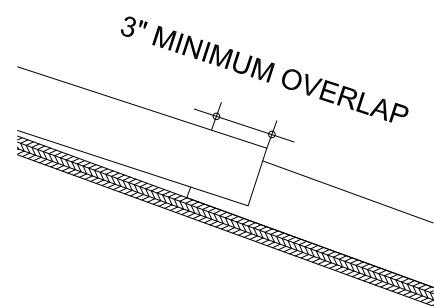
ROOF-TO-SIDE WALL FINISHED DETAIL
METAL FLASHING

TO ENSURE PROPER SEALING, IT IS RECOMMENDED TO INSTALL A METAL FLASHING, AS SHOWN IN THE DRAWING. USE 2 1/2" PHILLIPS SCREW AND FINISH WITH POLYURETHANE ADHESIVE BETWEEN FLASHING AND WALL JOINT.



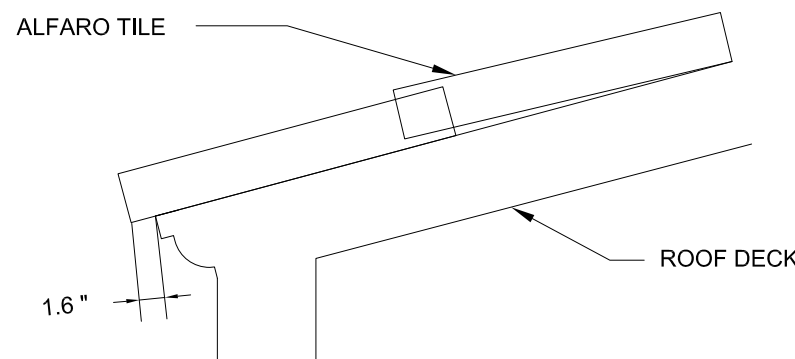
HORIZONTAL COURSE OVERLAP

OVERLAP WILL VARY DEPENDING ON THE ROOF DIMENSIONS AND SHAPE. A 3" MINIMUM OVERLAP IS REQUIRED.



EAVE DETAIL

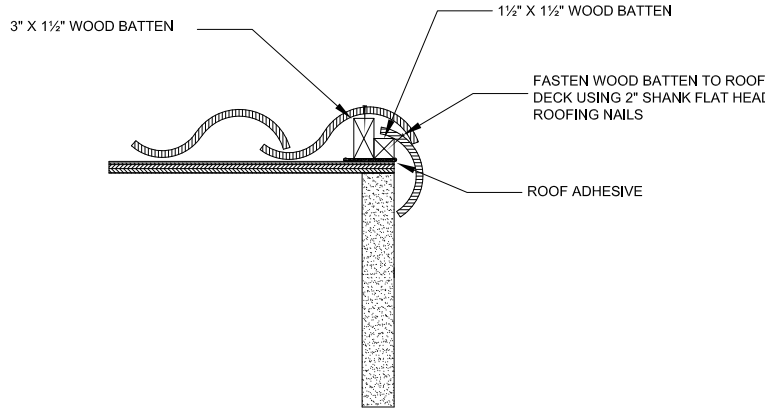
FIRST COURSE LINE WILL NEED A MINIMUM OF 1.6" OVERHANG.



RAKE TILE FASTENING DETAIL

FOR THE RAKE TILE AT SIDEWALL: FIRST, FASTEN TOGETHER ONE 3" X 1 1/2" WOOD BATTEN NEXT TO ANOTHER 1 1/2" X 1 1/2" WOOD BATTEN, AS SHOWN IN THE DRAWING. ONCE THE BATTENS HAVE BEEN FASTENED, USING A 2" SHANK FLAT HEAD ROOFING NAIL, FASTEN THE RAKE TILE FIRST ON THE SIDE AND LAST, THE COVER TILE OVER WOOD BATTENS AND RAKE TILE.

NOTE: IN ORDER TO AVOID WATER INFILTRATIONS AND/OR OTHER ROOF DAMAGE, IT IS RECOMMENDED TO USE ROOF ADHESIVE TO FASTEN THE WOOD BATTEN TO THE ROOF DECK.



ALFARO TILE

ALFARO TILE SPECIFICATIONS

THIS TILE IS MADE OF CLAY, PIGMENTS AND AGGREGATES.

COLOR	-----	VARIABLE
WIDTH	-----	10 INCHES
LENGTH	-----	18 INCHES
THICKNESS	-----	0.5 INCH
HEIGHT	-----	3 INCHES
WEIGHT PER TILE	-----	6.6 LBS.
WEIGHT PER SQUARE	-----	800 LBS.
PIECES PER SQUARE	-----	120
RESISTANCE PER PIECE	-----	404 LBS.

ALFARO TILE MIGHT BE INSTALLED USING DIFFERENT FASTENING SYSTEMS ACCORDING TO THE TILE PROFILE AND WIND AREA.

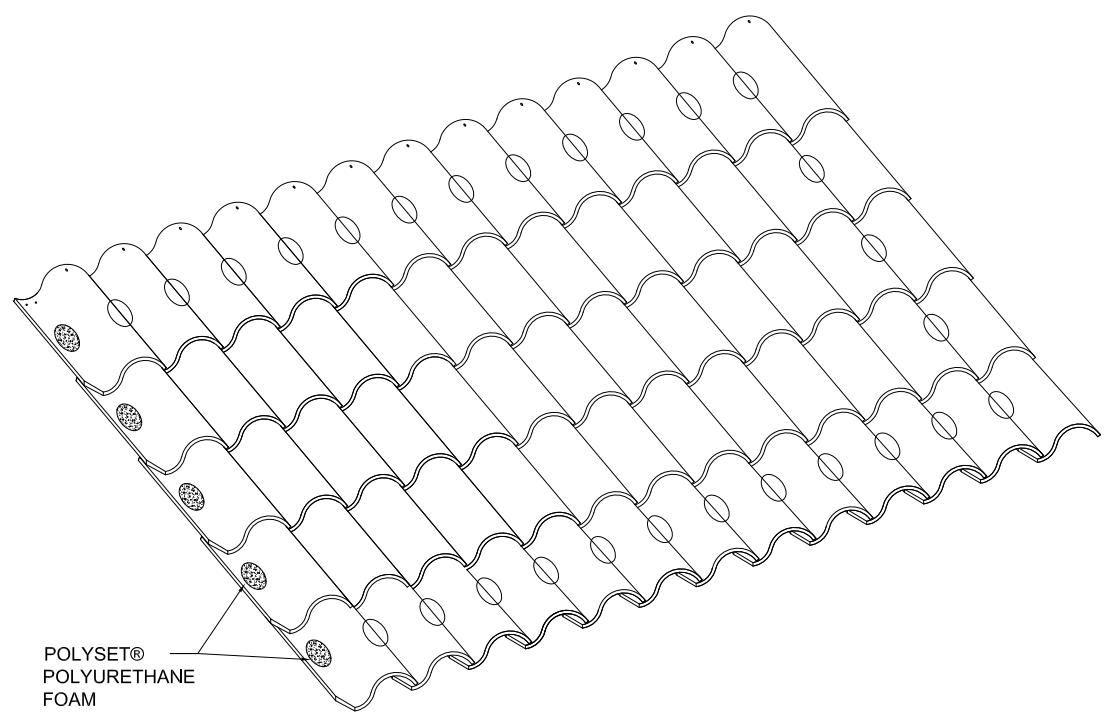
MINIMUM RECOMMENDED SLOPE FOR BEST WATERPROOFING SYSTEM RESULTS: 2:12, WITH A MINIMUM OVERLAP OF 3 INCHES.

THESE VALUES AND DRAWINGS SHOWN ARE INTENDED FOR REFERENCE AND MAY VARY FROM CASE TO CASE. REDLAND CLAY TILE EXPRESSLY DISCLAIMS ANY WARRANTIES EXPRESSED OR IMPLIED BY ANY INFORMATION HEREIN.

INSTALLATION NOTE

APPLY POLYURETHANE FOAM TO FASTEN THE TILE TO THE ROOF DECK, ESPECIALLY IN MODERATE WIND REGIONS. SHOT A 3" X 2" LINE APPROXIMATELY. ALSO APPLY SHOTS OF FOAM BETWEEN TILES OVERLAPPING TO SECURE TILE BONDING.

PROJECT SCOPE: FASTENING OF TILES AROUND THE ROOF PERIMETER AND FIELD OVERLAPPING TILES WITH THE USE OF FOAM.

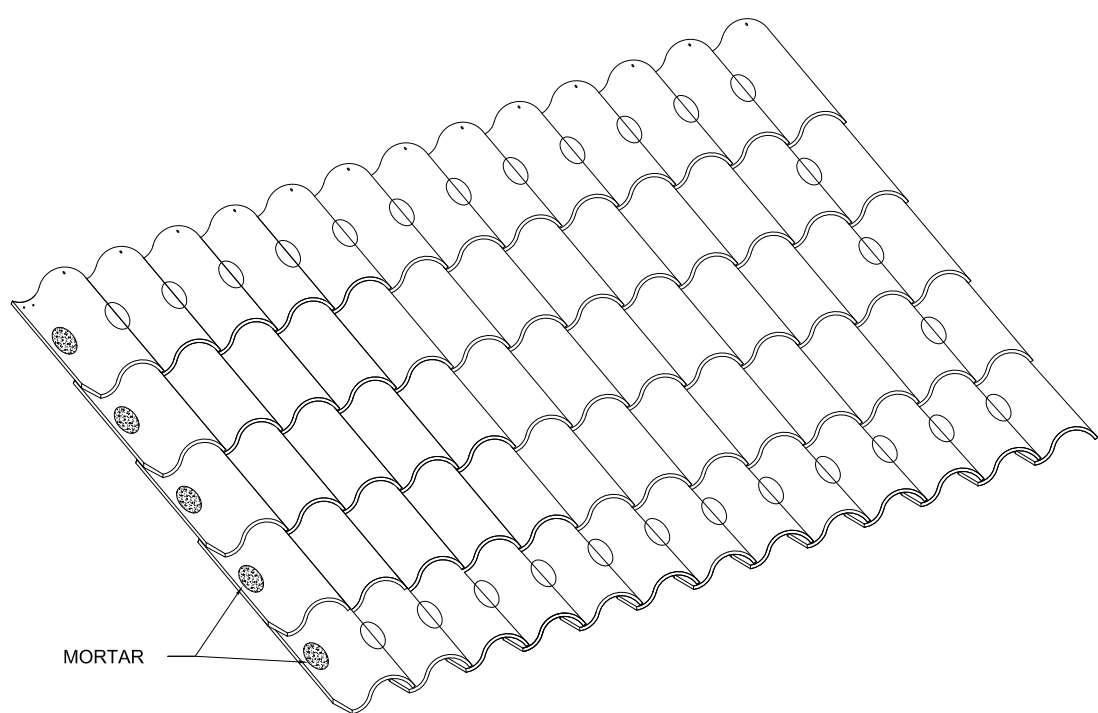


FASTENING OPTION:
POLYURETHANE FOAM

INSTALLATION NOTE

FOR MORTAR FASTENING IN MODERATE WIND REGIONS, USE A MIX OF CEMENT PLUS SAND (1:4). APPLY A 3" X 2" BEAD OF MORTAR BETWEEN TILE AND ROOF DECK AS SHOWN IN SUCH MANNER THAT THE TILE LIES COMPLETELY OVER THE MORTAR MIX.

PROJECT SCOPE: FASTENING OF TILES AROUND THE ROOF PERIMETER AND FIELD OVERLAPPING TILES.



FASTENING OPTION:
MORTAR

ALFARO TILE LAYOUT

LAYOUT STARTS FROM BOTTOM TO TOP, RIGHT TO LEFT, LAYING DOWN COMPLETE COURSES AS SHOWN IN THE DRAWING.

IT IS RECOMMENDED TO MARK VERTICAL LINES EVERY 8" ON CENTER FROM CAP TILE TO TILE BASE, IN ORDER TO OBTAIN BETTER LAYOUT AND DISTRIBUTION.

A MINIMUM 3 INCH OVERLAP MUST BE MAINTAINED FOR EACH TILE.

FOR BEST WATERPROOFING RESULTS, IT IS RECOMMENDED A MINIMUM SLOPE OF 2:12 OR LOW ROOF PITCH.

