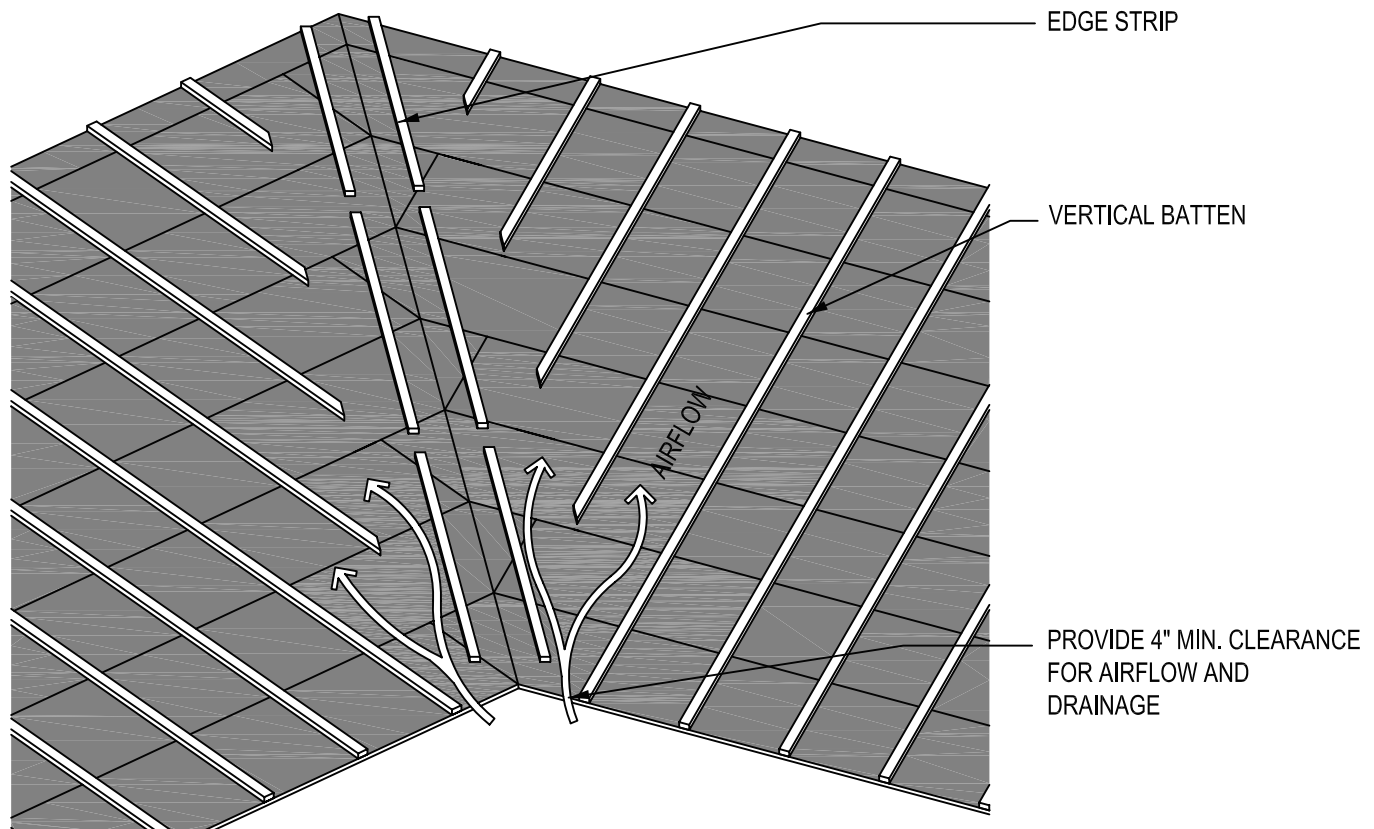


# VERTICAL BATTENS - FOR DEEP TROUGH VALLEY

MC-06



REFER TO MC-03 FOR  
WOVEN UNDERLAYMENT  
REFER TO MC-17 FOR FINISH  
DETAIL  
REFER TO MC-17B FOR DEEP  
TROUGH DETAIL

#### Notes:

1. Provide one layer of No. 30 asphalt-saturated felt complying with ASTM D-226 Type II (ASTM D4869, Type IV) or approved equal as minimum underlayment on all tile roof applications. Other underlayments as approved by local building officials will be allowed.
2. Batten strips should be sufficient thickness to fully engage protruding anchor lugs of the tile.
3. Fasten battens a minimum of 24" on center with minimum 8d corrosion-resistant nails penetrating through decking or into structural framing. Batten attachment at 12" on center with staples a minimum of 1-1/2" long, 7/16" crown, No. 16 gage corrosion-resistant allowing for 3/4" penetration into roof deck or through the sheathing which ever is less or on 24" centers if fastened directly to structural framing.
4. Consideration should be given to climate and roof orientation to determine if it is beneficial to specify/use vertical battens over underlayment, with horizontal battens secured over the vertical battens. See table 3 for additional considerations.

DRAWING SHOWN DEPICTS THE APPLICATION OF ALL TILE PROFILES. UNLESS OTHERWISE NOTED IT WOULD APPLY TO EITHER CONCRETE OR CLAY TILES.

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