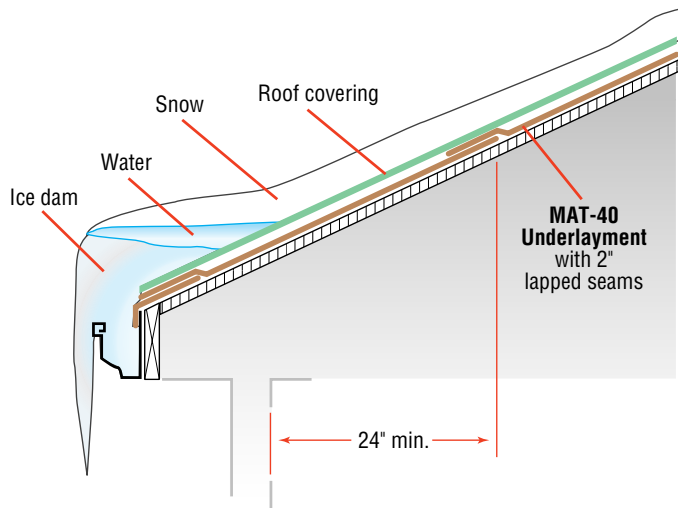


MAT-40 Underlayment

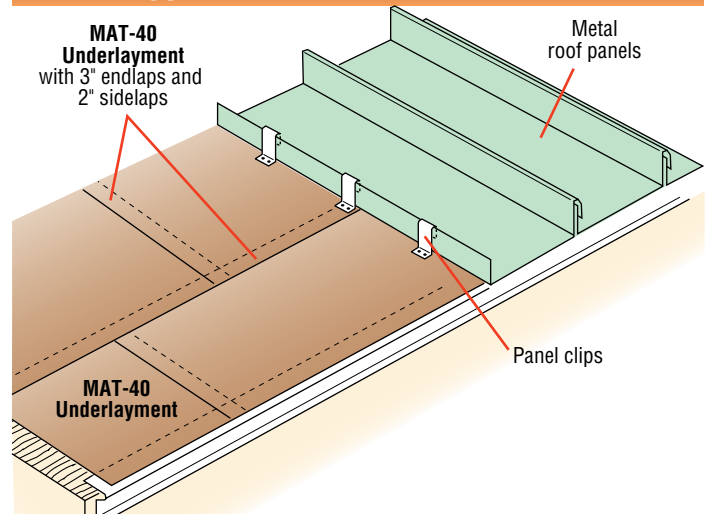
DETAILS



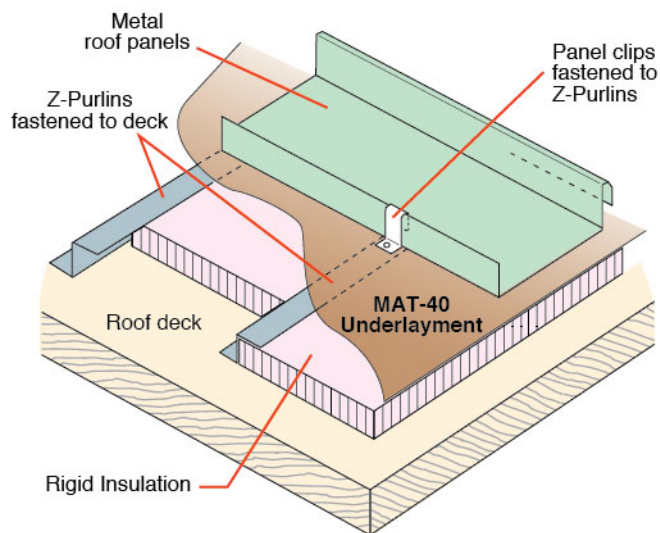
Ice Dam Protection



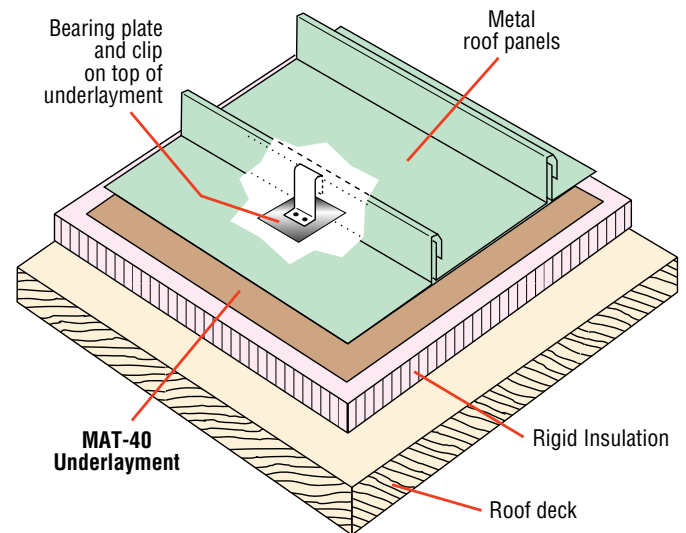
Typical Metal Roof Installation



Typical Use of Z-Purlins with Insulation



Bearing Plate & Panel Clip Over Insulation



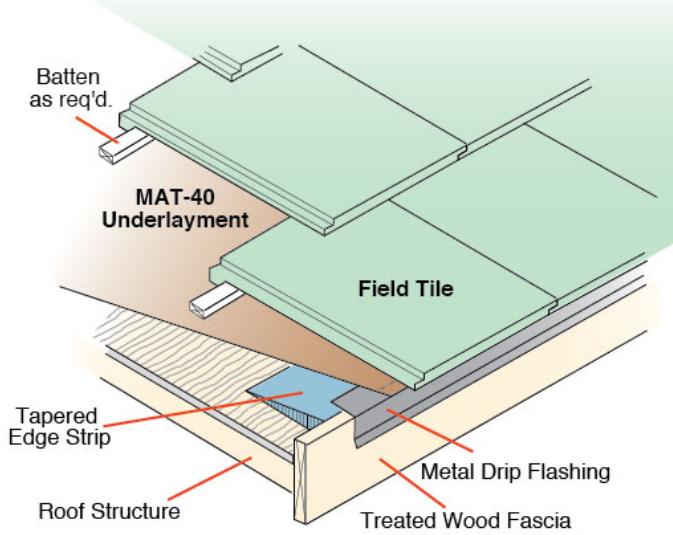
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MAT-40 Underlayment

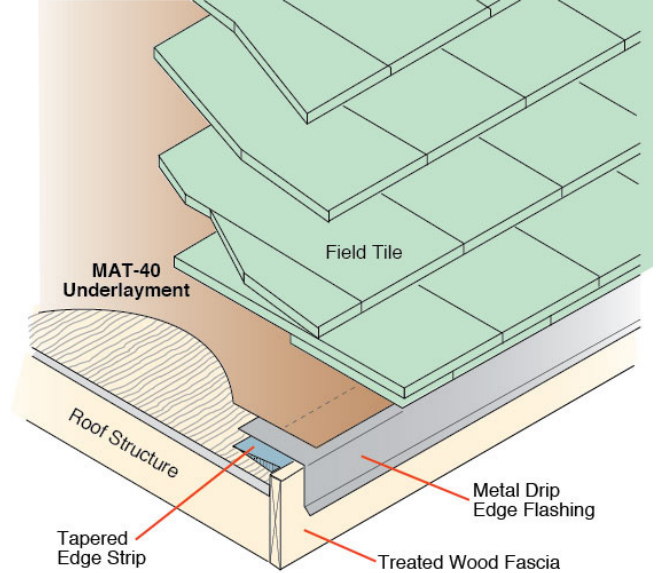
DETAILS



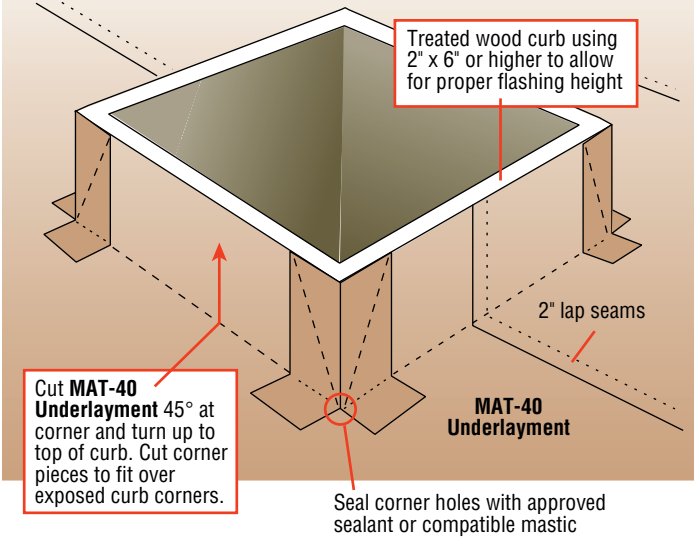
Flat Tile With Battens and Raised Edge



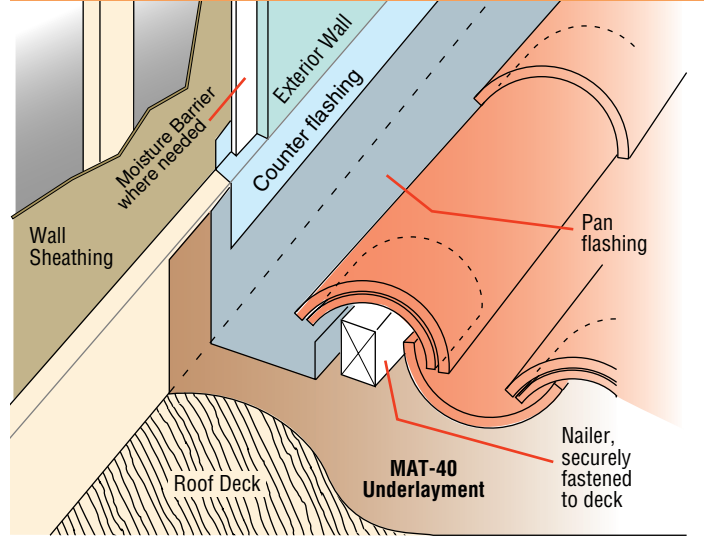
Flat Tile Installation Without Battens



Roof Curb Underlayment Detail



Barrel Tile Sidewall Detail



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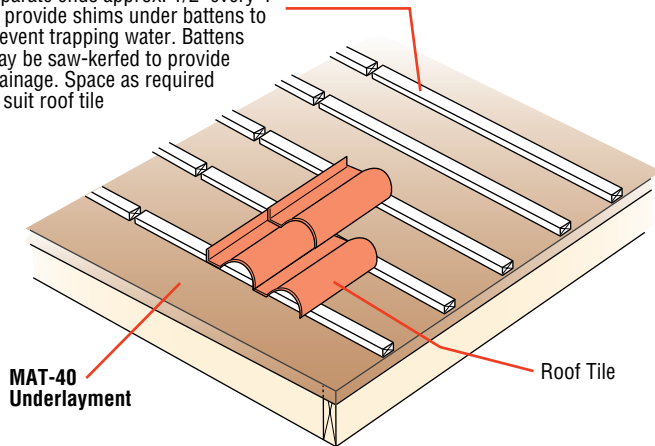
MAT-40 Underlayment

DETAILS



Typical Wood Batten System

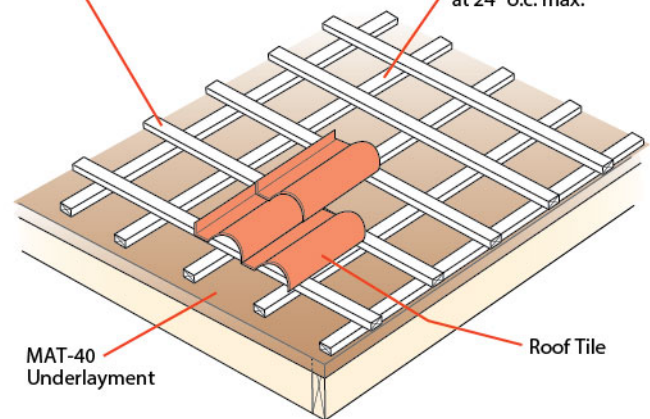
Nom. 1" x 2" min. wood battens, separate ends approx. 1/2" every 4' or provide shims under battens to prevent trapping water. Battens may be saw-kerfed to provide drainage. Space as required to suit roof tile



Typical Wood Batten/Counterbatten System

Nom. 1" x 2" min. wood battens

Counter battens at 24" o.c. max.



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