



TECHNICAL BRIEF | #98-001

Weather Blocking for High-Profile Tile

The subject of weather blocking or sealing roofs at hips and ridges has in the past been left to the discretion of local building officials depending on weather and wind conditions. Since most roofs in America are installed with a full underlayment system, the issue of sealing these areas is not as critical as it would be in countries where tile is installed without underlayment. There are some circumstances, however, where sealing hips and ridges would probably be advisable, regardless of type of tile or installation.

In regions of the country where snow accumulates or stays on the roof for the majority of the season, it is best to seal all hips, ridges or other openings that would normally allow snow to intrude beneath the tile. Likewise, in areas subject to hurricanes or near-hurricane conditions, using closure material at openings should also be considered.

Recently, the Western States Roofing Contractors Association (WSRCA) and the TRI Alliance formed a committee to evaluate current practices and make suggestions for the application of roof tile in the western states. One of the items that was agreed upon is that all high-profile mission tiles should be installed with weather blocking at hips, ridges and headwalls. This blocking may consist of metal, mortar, preformed plastic, pressure-sensitive adhesive rolls or other material designed for that purpose. It was agreed that this requirement would be for all climate conditions but only for high-profile tiles. All other tiles may be installed with a dry ridge unless otherwise directed by local codes.

For more information on tile roofing, please visit our website at tileroofing.org or email info@tileroofing.org for specific inquiries.