

# Enviroshake®

Quality Engineered Roofing

## Low Slope Roof Details

The minimum roof slope on which Enviroshake is recommended is 3:12. It is possible, however, to apply Enviroshake successfully to solid sheathed roofs of lower slope providing a special method of application is followed (figure 1). The prescribed method provides a double roof on which the Enviroshake is applied to a lattice-like framework embedded in a bituminous surface coating.

A torch-on or similar approved waterproof membrane should be applied over the roof deck. Consult your local building official for approved products in your area. With the final torch-on application 2 x 4 spacers of preserved treated lumber are embedded in the bituminous coating. These spacers are installed over the rafters and extend from eave to ridge. Check with your local building official for their preference in your area.

Next, 1 x 4 or 1 x 6 nailing strips, spaced according to weather exposure selected for Enviroshake, should be nailed across the spacers to form a lattice-like nailing base. For example, if Enviroshake is to be installed at a weather exposure of 9", the nailing strips would also be spaced at 9" on the centers. When 1 x 4 spaced sheathing is installed at 9" on center, additional 1 x 4 boards must be installed.

Finally Enviroshake is applied in the normal manner with a starter course at the eave and a

## Figure 1: Enviroshake Application to Low Slope Roofs

