

## Low Slope Roofs

The PorterSIPs system can be used for virtually any type of roof system. The use of SIPs for flat or low sloped roof areas is very common. The water proofing coverings vary from asphalt shingles to sheet membranes.

Asphalt shingles are used mainly in sloped roofs down to a minimum slope of 4:12. Check with the shingle manufacturer or supplier for warranty requirements for minimum slope and weight requirements over SIPs.

Metal roofing is another idea material for use in sloped roofs down to a minimum pitch of ¼:12. Check with the manufacturer or supplier for the seam profile best recommended for the slope.

Sheet membrane roofing is most commonly used for flat or slightly sloped roofs. Both mechanically fastened and fully adhered systems perform quite well over SIPs. Some of the membrane manufacturers require a layer of foam or fiber board be placed upon the SIPs prior to the installation of their membrane roofing.

From a design perspective low sloped roofs may require additional support for drift loads and sliding ice and snow loads. In all roof applications make sure proper drainage is created to eliminate any excessive water ponding or ice damming.