

Flame Spread and Smoke Development

PorterSIPs consist of 7/16" oriented strand board (OSB) skins and an expanded polystyrene (EPS) foam core. Since the EPS is covered by the OSB, the flame spread and smoke development are determined by the OSB.

As reported by the APA, the Engineered Wood Association, in Form No. TT-010D, OSB has a flame spread index rating of 100 or less and a smoke development index rating of 80 or less. These index values give the membrane material a Flame Spread Class value of C.

See PorterSIPS Design Guide ESR-4692 for additional fire ratings, specific finishes and coverings to achieve additional fire ratings and meet thermal protection requirements.