Technical Bulletin No. 0023

LP® SmartSide® Vented Soffit and Rain/Snow Intrusion

Wind driven precipitation and factory installed ventilation openings in soffit panels.

- LP SmartSide soffit panels feature ventilating openings that conform to the size limitations in the International Residential Code (IRC) and the International Building Code (IBC) which are a minimum 1/16 inch to a maximum 1/4 inch opening.

- The I-Codes specify the minimum net free ventilation area for roof ventilation based on the area of the vented attic.

- IRC, Section R806.1 state: *"Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow."* Typically, this means orienting vented soffits downward or louvered gable vents so ordinary rain and snow do not enter the enclosed attic.

- Snow and rain driven by high winds are difficult exposures for a well ventilated attic and some intrusion is likely. Intrusion does not represent a manufacturing defect.

For addition information reference thehtrc.com/2011/air-sealing-attic-baffles

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