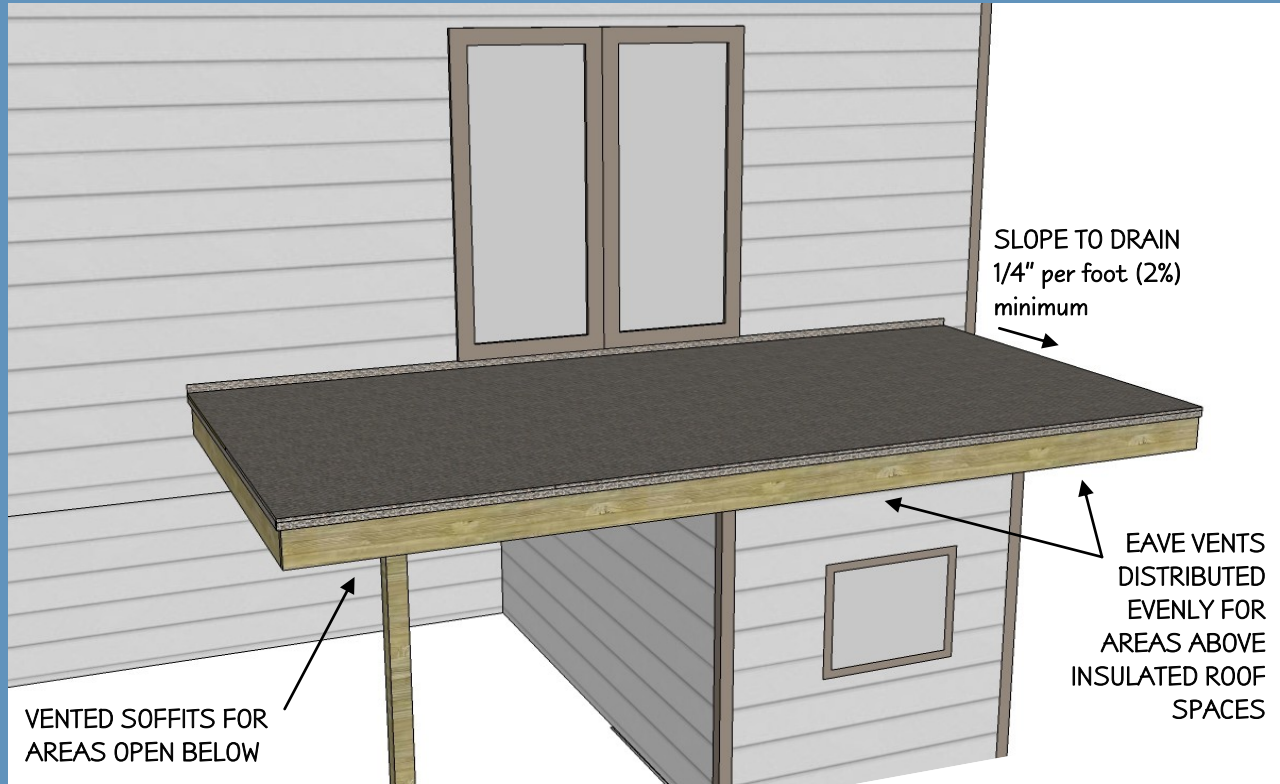


#WD-503
VENTILATION



VENTING WATERPROOF DECK SPACES



VENTILATION REQUIREMENTS:

- Venting:** Proper ventilation for the underside of waterproof deck surfaces and enclosed roof spaces below roof-decks, is an important design consideration to reduce the risk of moisture related problems in membrane roof / deck applications.
- Area:** For membrane roof & deck surface construction, best practice guides suggest a **minimum unobstructed vent area of 1/150 of the total deck or roof area.**
- Type:** For deck and roof-deck applications, venting is typically achieved using eave or soffit type vents. For deck areas that are open below, and not over insulated spaces, simple vented soffits or open joist cavities below the deck will provide proper ventilation.
- For roof-deck applications over insulated spaces, eave vents should be distributed uniformly on opposite sides of the roof space to permit the free movement of air within the roof space. A minimum space of 2-1/2" should be provided between the top of the insulation and the underside of the roof sheathing. In some cases the use of cross purlins may be required to provide air movement evenly throughout all roof joist spaces.
- Notes:** For deck structures built on or close to grade ensure adequate air movement to the underside of the sheathing is not obstructed by adjacent landscaping or skirting.
- This information is intended as a guideline only. Ensure venting requirements of roof or attic spaces comply with local building code requirements prior to construction.

For further information regarding Weatherdek products please contact:
Weatherdek Ontario. at: www.weatherdekontario.com or 1-877-922-4522