

# PAC-Shield CV

## Ice Dams



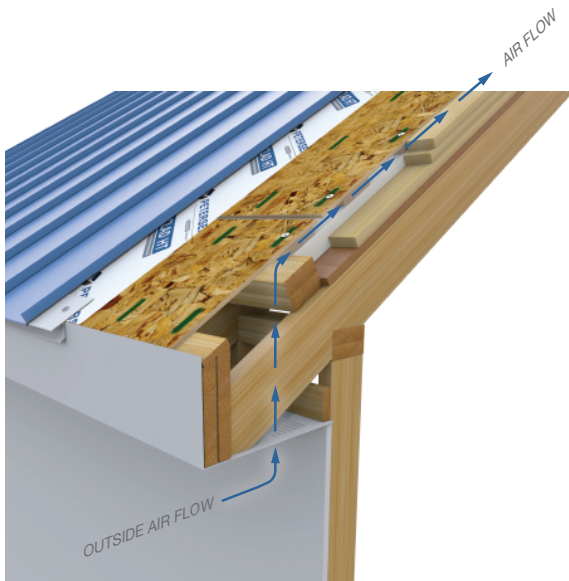
### Insulate and Ventilate with PAC-Shield CV to Avoid Costly Ice Dams

Ice dams are caused on a roof when there is heat loss from inside the structure. This heat warms up the roof, melting the snow, which refreezes overnight. The water or melted snow typically will refreeze at the eaves first and continue to expand up the roof slope as melting and refreezing occurs. Thawing water backs up behind the frozen ice and causes a dam. This water backup will lead to a variety of performance issues with the roof system and may cause leaking on the internal side of the structure.

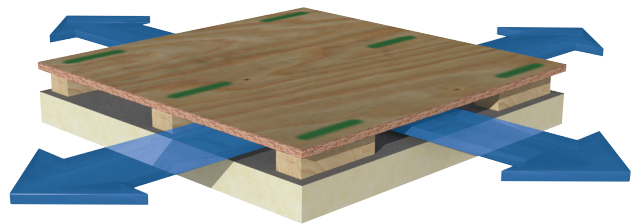
Vented Roof



Non-Vented Roof



If air is allowed to flow under the finished roof assembly, the temperature on the roof will remain cooler and more consistent. A ventilation system under the finished roof system can be achieved with PAC-Shield CV.



PAC-Shield CV is a ventilated insulation product that is comprised of a bottom layer of polyiso insulation, a middle layer of wood spacers with a 1", 1.5" or 2" airspace and a top layer of OSB or plywood. The length of the rise and run determines which airspace will be the most efficient for your roofing system. The finished roofing system – shingles, shakes, metal or tile is installed over the PAC-Shield CV panels. PAC-Shield CV also features cross directional airflow keeping the roof temperature constant, further eliminating hot and cold spots on the roof where ice dams are formed.

**For more information and samples, contact a PAC-CLAD representative or visit [www.pac-clad.com](http://www.pac-clad.com).  
Contact the PAC-CLAD Technical Team at [info@pac-clad.com](mailto:info@pac-clad.com) or 800-PAC-CLAD**

