

DELTA®-VENT SA KEY MESSAGES FOR GENERAL CONTRACTOR CURRENTLY USING BITUMEN SHEET OR SPRAY



Ensuring air and water tightness is critical for protecting your building's performance – and your reputation.

- Air and water leakage not only affects occupant comfort, but also the energy efficiency of the building itself
- A significant portion of heating and cooling costs for buildings comes from air leakage through the building envelope – and those leaks are often caused by improper or ineffective installation of air barriers
- Bitumen sheets, on the other hand, are WRBs, air barriers, and moisture barriers, but they aren't vapor permeable; and the addition of that permeability evolves wall assemblies into flow-through assemblies
- With sprays, it's extremely difficult to achieve consistent coverage, which means building protection also isn't consistent
- Sprays don't hold up when buildings shift and they don't provide sealability around fastener penetrations
- Bitumen sheets and sprays fail to provide the moisture permeability needed to properly protect buildings from incidental moisture getting trapped inside the wall cavity, which can cause mold and other issues

Self-adhesive WRB and air barriers are the only way to truly keep air and water out of the system for better building protection and performance.

- Fully adhered barriers mean buildings are water tight, air tight, and weather tight
- Vapor permeability is also harder to achieve with sprays and bitumen; and vapor permeability is important in the fight against moisture damage
- This level of complete protection not only helps with occupant satisfaction and comfort, but also contributes to fewer building issues and call-backs

The superior technology of DELTA®-VENT SA is proven to keep buildings dry and comfortable for the life of the building, contributing to better building performance, efficiency, and customer satisfaction.

- When applied, the full adhesion of DELTA®-VENT SA maximizes the air tightness of the product while eliminating leaks from fastener penetrations – unlike with mechanically fastened sheets – and it even passes the ASTM D1970 Nail Sealability test for sealing around fasteners
- The unique three-layer technology membrane design provides high tensile strength and the fourth layer of adhesive provides reliable long-term adhesion
- The DELTA®-VENT SA system is the *only* self-adhering WRB and air barrier with the security of a self-adhesive edge lap – which provides a 100% sealed edge
- DELTA®-VENT SA leads the industry in vapor permeability with a rating of 50 perms
- DELTA®-VENT SA improves indoor air quality by preventing inward air leakage through the wall cavity, which in turn prevents VOCs and mold from entering the living space

The complete DELTA®-VENT SA system is designed with application in mind to ensure effective installation and help reduce time and labor costs.

- DELTA®-VENT SA's complete line of application accessories is designed to ensure every corner, window, gap, and edge is 100% sealed, meaning you can be confident that the job is done right, and that it meets the architect's specifications
- Fully adhered from back to edge, DELTA®-VENT SA allows for simple, straightforward application without any fasteners required. The unique edge lap then makes it easier to apply succeeding rows
- The DELTA® system includes DELTA®-FAS CORNER, DELTA®-MULTIBAND, DELTA®-FLEXX BAND, and DELTA®-FLASHING
- Working together, these elements create a strong air- and water-resistive system

Making the switch from bitumen or sprays can be seamless with the complete support of DELTA® products.

- DELTA® provides very clear and comprehensive installation materials, videos, and technical manuals – the best in the industry – making installation easier, faster, and more reliable
- DELTA®-VENT SA has all the credentials you need, as it exceeds the toughest requirements of the Air Barrier Association of America (ABAA), and meets the requirements of ICC AC 38 (US code requirements, relevant for International Building Code (IBC) and International Residential Code (IRC)) based on the results of ASTM E2357 - 11 Standard Test Method for Determining Air Leakage of Air Barrier Assemblies