



 **BaySeal**<sup>®</sup> CCX

Accella closed-cell spray polyurethane  
foam insulation **evolved**

[www.BaySealSprayfoam.com](http://www.BaySealSprayfoam.com)



## Introducing our new formulation of BaySeal® CCX insulation

The design and construction journey is full of tough choices. Selecting insulation shouldn't be one of them. Our next generation of BaySeal® CCX spray polyurethane foam (SPF) insulation from Accella provides precision control, a high R-value and effective sealing, all in a single 4" pass.

## Save time, save money with BaySeal® CCX SPF

We know time is money. The improved formulation of BaySeal® CCX SPF helps save both. It is now possible to achieve higher R-values in a single pass thanks to the lower exotherm of the new formulation. This means the spray foam contractor can be in and out more quickly. BaySeal® CCX SPF now has a smoother profile, meaning the contractor is able to use less coating (when required) to achieve the proper coverage. Refer to ICC-ESR 2072 for application details.

## Benefits you need

Our new formulation of BaySeal® CCX SPF insulation is an ideal choice for residential and commercial projects. BaySeal® CCXP SPF is formulated specifically for cold climates and can be applied in temperatures as low as 30°F. The product's versatility

allows it to be spray-applied to walls, ceilings, floors, piping, below grade foundations, under slabs, unvented attics, and crawl spaces. BaySeal® CCX SPF begins as two separate liquid components; when sprayed, it expands by approximately 40 times, helping to effectively seal penetrations and gaps in the building envelope.

Other benefits:

- Single lift, high R-value: achieves R-28 in one pass at 4"
- Is an air barrier at ¾" and class II vapor retarder at 1"
- Can add structural strength to walls and roof decks (increased racking strength of 330-400% when used in wood-framed wall cavities, per NAHB testing<sup>1</sup>)
- Meets ASHRAE 90.1 and IECC 2009 requirements for continuous insulation
- Meets NFPA 285 requirements for commercial wall assemblies
- FEMA-accepted flood resistant insulation material
- Registered as a low-emitting insulation material with the Collaborative for High Performance Schools
- Installed density of 2lb/ft<sup>3</sup>

BaySeal® CCX SPF may be used in attics and crawlspaces without a prescriptive ignition barrier or intumescent coating.

Stand out from conventional home builders by offering a product that helps deliver energy savings on heating and cooling, allows for more consistent indoor ambient temperatures, assists with structural stability, offers advanced moisture management and helps reduce the entry of dust and pollen from the outdoors into the indoor environment.



Single lift, high R-value: achieves R-28 in one pass at 4"

### Benefits your buyers want

Energy efficiency and sustainability are top of mind for today's buyers. The easiest way to improve energy efficiency is to use it rather than lose it! More than 30 percent of a building's conditioned air escapes through small holes and cracks. In fact, according to an NIST study<sup>2</sup>, incorporating air-leakage prevention measures such as closed-cell SPF into design and construction can reduce air leakage by 83% and energy consumption by up to 40%.

Because BaySeal® CCX SPF helps to effectively seal the building envelope, it not only helps prevent air from escaping, it also helps prevent other unwanted guests – moisture and air pollutants – from coming in. Moist air inside walls and ceilings can lead to mold growth, but BaySeal® CCX SPF decreases that possibility. It can also reduce the level of dust and allergens that enter the home.

### Other benefits:

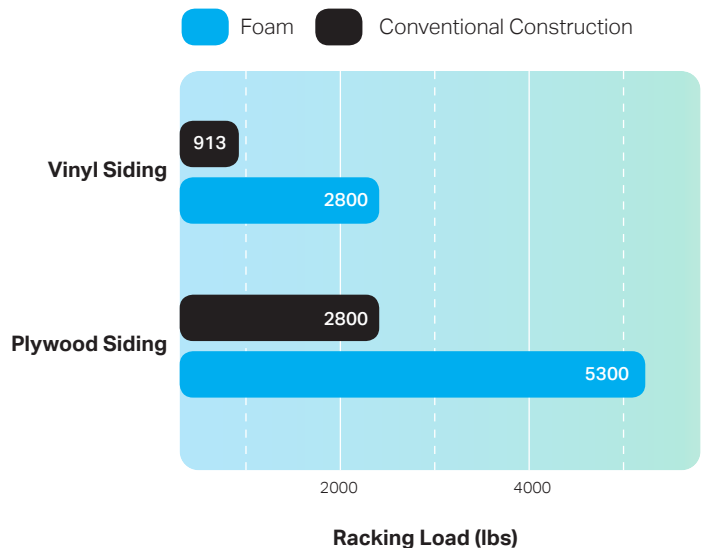
- High resistance to wind uplift, especially in residential unvented attic assemblies
- Reduces sound transmission through walls
- Using BaySeal® CCX SPF to create a tighter building envelope may result in downsized HVAC equipment
- High R-values of BaySeal® CCX SPF allow for stud and rafter size reductions, increasing living space

1) Testing and Adoption of Spray Polyurethane Foam for Wood Frame Building Construction; prepared by NAHB Research Center for The Society of the Plastics Industry

2) "Investigation of the impact of commercial building envelope airtightness on HVAC energy use", Authors: S. J. Emmerich; T. McDowell; W. Anis

### Average Maximum Racking Load

(Structural resistance to wind supported by 16" On-Center Spruce-Pine-Fir 2 x 4 Stud Framing)



### Ready to get started?

Our technical team can answer all your questions regarding the best BaySeal® SPF product for your specific needs.

Call toll-free 800-221-FOAM (3626) or direct 281-350-9000

[www.BaySealSprayfoam.com](http://www.BaySealSprayfoam.com)



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