



# Bayseal™ CC

## Spray Polyurethane Foam for Residential Builders



### Insulation That Adds Value

With the cost of building materials increasing, and the demand for the most energy efficient home building, spray polyurethane foam has come out on top as the best multifunctional insulation product available today.

Bayseal™ CC has a wide range of applications. It can be spray-applied to walls, ceilings, floors, foundations, piping, unvented attics and crawl spaces. Bayseal™ offers an aged R-value of 6.9 per inch and is an ideal thermal and moisture management system that seals the building envelope for optimal insulation value. Bayseal™ CC begins as a liquid and then expands to approximately 40 times its initial volume once applied through a spray applicator. The contractor benefits by using a single product for an air barrier, vapor retarder, and insulation. Homebuyers gain an energy efficient, comfortable home.

Standout from conventional homebuilders by offering a product that delivers energy savings on heating and cooling, allows for consistent indoor ambient temperatures, adds structural stability, offers advanced moisture management, and minimizes entry of dust and pollen from the outdoors into the indoor environment.

### CC SPF Contributions in Building Interior and Exterior

- No voids or gaps between insulation and studs – Provides superior insulation
- Energy Efficient Structures – Provides aged R-value of 6.9 per inch
- The installed density is 2 lb/ft<sup>3</sup>
- Air Barrier and Vapor Retarder at 1" or more
- Spray Foam can add significant structural strength to a wall and roof decks.
- FEMA Accepted flood resistant insulation material
- Contributes to USGBC LEED points
- Listed with ICC Evaluation Services
- Registered as a low emitting insulation material with the collaborative for high performance schools
- Registered as an EPA preferred material based on recycle content

# Bayseal™ Closed-Cell Spray Foam Insulation For Residential Builders

Professional spray foam contractors install Bayseal™ closed-cell insulation typically in a single day. Closed-cell foam insulation is a cost effective method to adopt a sustainable building approach and reduce energy consumption. With sustainable building entering the mainstream, homebuyers are searching for innovative materials that add value to their home investment.

## Construction benefits

- HVAC Equipment /downsizing:  
Installing Bayseal to the roof underside creates an unvented attic area for air handling units and ductwork to operate more efficiently within a conditioned space. Tightening the building envelope with Bayseal™ CC allow downsizing of the HVAC equipment.
- Bayseal™ CC is capable of withstanding direct and prolonged contact with water without sustaining significant damage and is classified by FEMA as a flood resistant insulation material.
- Eliminate thermal bridging when installed as continuous insulation.
- Flexibility in framing: High R-Values allows stud and rafter size reductions to increase living space.
- Performance benefits for consistency Bayseal™ CC, at a minimum thickness of 1 inch, constitutes a vapor retarder.

Contact a representative today to request Bayseal™ CC through your builder or for a list of recommended spray foam insulation contractors in your area.



## Exterior Application of Bayseal™ CC Benefits

Air Barrier @ 1" or more

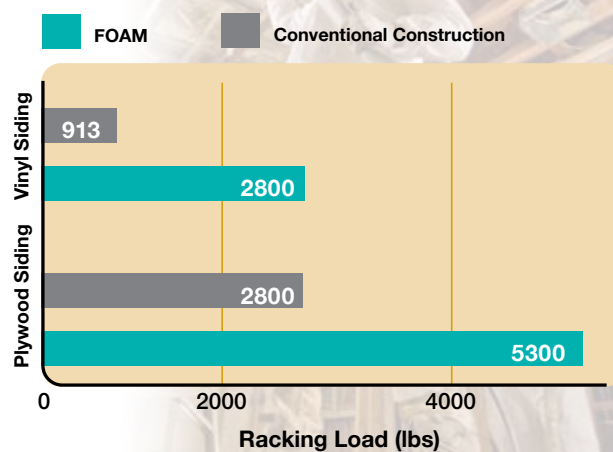
Vapor Retarder @ 1" or more

Helps eliminate Thermal Bridging

Avoids Potential Condensation in Wall Cavities

**“During a design racking event like a *hurricane*, there would be less permanent *deformation* of wall elements and possibly LESS damage to a structure that was braced with **SPF filled walls.**”\***

Average Maximum Racking Load (structural resistance to wind supported by 16" On-Center Spruce-Pine-Fir 2 x 4 Stud Framing)



\*National Association of Home Builders Testing and Adoption of Spray Polyurethane Foam Insulation for Wood Frame Building Construction, May 25, 1992.

Your Local Bayseal™ Contractor :

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