



# **STRENGTHEN YOUR HOME WITH A SEALED ROOF DECK**

## **A Sealed Roof Deck uses Closed Cell Spray Polyurethane Foam (ccSPF) to:**

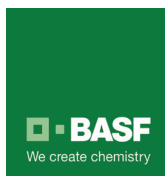
- Strengthen roof to wall connections and increase wind uplift resistance
- Create a barrier to prevent water penetration
- Improve comfort and energy efficiency

## **A Sealed Roof Deck is always:**

1. Strong in the wind
2. Dry in the storm
3. Energy efficient

*"Our Sealed Roof Deck not only strengthens our home, but also gives us peace of mind and saves us money on our electric bill."*

—The Todd Family,  
Punta Gorda, Florida





## What is closed cell spray polyurethane foam and how does it work?

Closed cell spray polyurethane foam (ccSPF) is a category of high-performance spray foam insulation and air-barrier material that delivers multiple benefits. Spray polyurethane foam is a two-component, non-fibrous material that includes an A-side and a B-side. During application, there is a chain reaction between the two components that creates a bond to the substrate as it foams up. It dries, cures and hardens very quickly. This product is not suitable for do-it-yourself projects and should only be installed on site by a qualified, professional applicator, creating a customized product for the needs of your project. The materials react very quickly, expanding on contact to create foam that insulates, air seals and provides a moisture barrier all in a single product.

## Can an insulation system add structural strength to my home?

Spray-applied, ccSPF has been proven to add substantial structural integrity throughout the home, as well as providing tremendous wind uplift resistance at greater thicknesses at the underside of the roof deck. BASF ccSPF is accepted and listed by Miami Dade County for wind uplift.

## How does closed cell spray foam comply with programs like FORTIFIED Home™?

The FORTIFIED Home™ - Hurricane program was created by the Insurance Institute for Business and Home Safety (IBHS). New and existing homes have met the requirement of sealing the roof deck by applying ccSPF to the underside of the roof deck, as part of the FORTIFIED Home™ Bronze designation. BASF ccSPF creates a secondary water barrier for your roof and strengthens it against high winds. There may be additional retrofits necessary to achieve a FORTIFIED Home™ designation.

## What are the benefits of closed cell SPF insulation?

### Comfort

stops drafts and provides control of temperature and humidity levels

### Health

stops moisture, pollutants and allergens

### Safety

controls condensation to help prevent mold and mildew

### Durability

improves structural strength in high winds

### Flood Resistance

can withstand flood waters for at least 72 hours

### Environment

contains no formaldehyde and is certified as a Greenguard Gold material for low chemical emissions

**To strengthen your roof deck and make your home more energy efficient, visit:**

[flash.org](http://flash.org) or [spf.basf.com/homeowners.php](http://spf.basf.com/homeowners.php)

