

Compare a BASF spray polyurethane foam roof with alternative systems

	BASF	BUILT-UP	SINGLE-PLY
Weather Protection	<ul style="list-style-type: none"> high hail impact resistance high wind uplift resistance water cannot migrate through closed-cell foam 30 years of experience 	<ul style="list-style-type: none"> hail may puncture flashing or membrane loose aggregate can become projectiles in high winds joints and seams allow water migration expands and contracts becomes brittle 	<ul style="list-style-type: none"> hail may cause indentation, puncture, cracking, substrate damage and fracture at fasteners ponding frequent leaks hard to locate extensive deck penetrations newer systems lots of seams
Maintenance and Repair	<ul style="list-style-type: none"> minimal maintenance emergency repairs can be done with a tube of caulking renewable with simple recoats simplified flashing and details 	<ul style="list-style-type: none"> major reconstruction needed costly and frequent difficult to inspect and repair leaks hard to locate 	<ul style="list-style-type: none"> non-renewable often must be torn off at end of lifecycle difficult to inspect and repair
Energy and Comfort	<ul style="list-style-type: none"> lower heating and cooling costs no thermal bridging highest R-value insulation lower roof temperatures, reducing thermal stress light, heat reflective colors improved occupant comfort 	<ul style="list-style-type: none"> dark, heat absorbing colors temperature build-up on roof and below indoor environment more difficult to condition 	<ul style="list-style-type: none"> dark, heat absorbing colors temperature build-up on roof and below indoor environment more difficult to condition
Installation	<ul style="list-style-type: none"> usually no costly tear-off fast installation fully adheres to almost any substrate no fasteners, no welding, no gluing lower labor cost conforms to irregular shapes, can be custom sloped 	<ul style="list-style-type: none"> major construction tear-off and waste disposal required irregular shapes difficult joints unreliable expensive labor costly 	<ul style="list-style-type: none"> irregular shapes difficult numerous fasteners add expense potential leakage points flashings difficult

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1-888-900-FOAM
 BASF Corporation
 1703 Crosspoint Avenue
 Houston, TX 77054
 Fax: 713-383-4592
www.spf.basf.com
spfinfo@basf.com
 1703-2001

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Weather Damage Insurance Gone Through The Roof?

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If you want to reduce weather damage insurance rates and claims...

Choose a roof that can survive almost anything Mother Nature can throw at it.

“A number of spray polyurethane foam (SPF) roofing systems were observed...Some of these roofs were estimated to be about 20 years old. With one minor exception, all were found to have sustained Hurricane Katrina extremely well without blow-off of the SPF or damage to flashings. In the case where damage was observed...the area of the failure was less than one percent of the total roof area”.

*– A Performance of Physical Structures in Hurricane Katrina and Hurricane Rita:
A Reconnaissance Report, National Institute of Standards and Technology*

It's been reported by State Farm Insurance Co. that “8 of the company's 25 highest pay out claims in history were due to property hail damage”, with roofing being the most commonly damaged part of the building with this type of damage¹.

The spray-applied polyurethane foam (SPF) roofing system from BASF offers enhanced protection in severe weather conditions with proven in-field hail resistance exceeding the warranted performance – even on roofs 20 years old or more.

The SPF system also has extremely high wind uplift ratings. It is seamless and self flashing, without the joints and edges that give extreme weather something to catch onto and rip off. There are no ballast or ripped membranes to worry about. Building occupants and contents stay protected and that means fewer insurance claims.

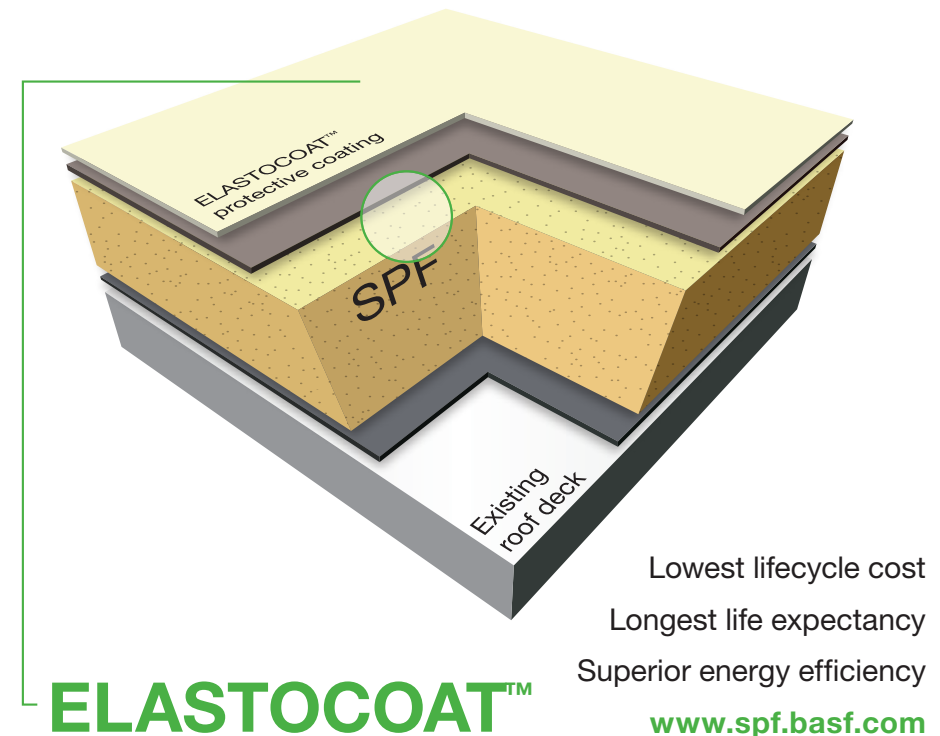
An SPF roof is usually installed with no tear-off of the existing roof. It also delivers low lifecycle cost thanks to its long life expectancy, ease of repair and renewability.

The award-winning BASF Eco-Efficiency Analysis assesses the lifecycle of a product or manufacturing process from the “cradle to the grave.” The SPF roofing system outscored traditional materials on its test scores.

- High hail impact resistance
- Lower maintenance costs
- Waterproof
- Seamless
- Lightweight
- Sustainable, repairable, renewable
- Minimal disruption during construction
- High wind uplift resistance
- Lower energy costs
- Controllable indoor environment
- Long life expectancy
- Lower lifecycle cost
- Long-term warranty

Say ‘NO’ to frequent weather damage insurance claims and increased premiums.

¹ Warning the Public about Hail: Determining the Potential for Short-Term Damage Mitigation by Lauren E. Potter, Jerald A. Brotzge, and Somer A. Erickson, 2009.



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