

PROZONE™

Polyurethane Spray Foam Roofing System

Spray Polyurethane Foam Roofing



The High Performance, Cost Effective, Weather Resistant Solution for Commercial, Industrial & Residential Structures





Application of SPF over a metal roof followed by an acrylic coating.

IMAGE COURTESY OF CARLISLE ROOF FOAM AND COATINGS

WHY CHOOSE SPF ROOFING

ProZone is a widely utilized roofing solution proven to last and protect the structure. **ProZone** performs as an insulated roofing system that withstands extreme weather conditions such as hail, wind and rain. Yet the installed weight per square foot allows building owners, consultants and designers many more possibilities than heavier roofing systems. **ProZone** offers Class A fire performance with a durable and versatile SPF roofing. With regular care and maintenance, a SPF roof can enjoy a lifespan exceeding 20 years. Regular inspection and recoating can extend service life to as long as 40 years or more.

Apply ProZone to:

- ★ Office Facilities
- ★ Retail Developments
- ★ Mixed-use Properties
- ★ Institutional Buildings (schools, college, government and military facilities)
- ★ Industrial Facilities
- ★ Agricultural Structures
- ★ Homes
- ★ Specialty Applications

SUCCESSFUL ROOF SOLUTIONS

ProZone provides a seamless, continuous layer over the top of the structure. The roof system performs numerous functions: vapor retarder, weather-resistant barrier, air barrier and continuous thermal insulation. SPF forms a durable and rigid covering that provides resistance to impact from hail and foot traffic. **ProZone** may be applied as a new roof or over most existing roofs, providing a cost-effective retrofit solution.

ProZone can be used on nearly any building in any North American climate, providing distinct advantages over other roofing systems when:

- Additional roof insulation is needed for comfort, energy savings or code compliance
- Tapered application is required to enhance drainage
- Roof deck is an unusual configuration or shape
- Substrate includes many penetrations (such as solar panel supports)
- Roof fastening is limited by substrate material (concrete, etc.) or aesthetics of a visible roof deck
- Removal of existing roof covering is impractical due to cost or business interruption



SPF installed over an unusual roof design at Birkenstock headquarters in Novato, CA.

IMAGE COURTESY OF WEDGE ROOFING, PETALUMA, CA



SPF provides self-flashing around all deck-mounted equipment and penetrations for this industrial manufacturing facility.

IMAGE COURTESY OF WEDGE ROOFING, PETALUMA, CA

HOW IT'S INSTALLED

SPF roofing systems are installed by trained applicators who understand the spray equipment, the foam and coating materials, and industry roofing practices. After careful evaluation of the roof deck condition, the roof deck is prepared by removing debris and optional application of a primer to improve adhesion. A specified thickness of **ProZone** is applied followed by a protective covering of **ProCoat**.

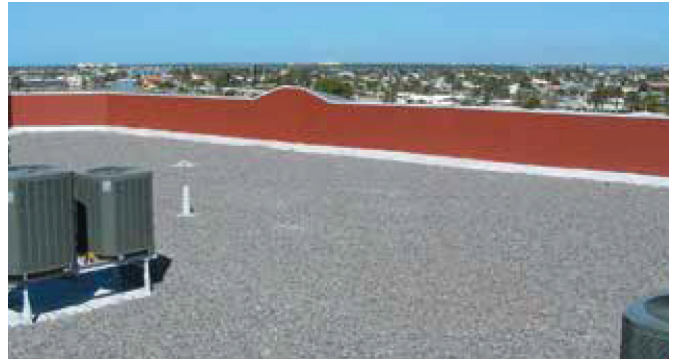
SPF roofing systems include a covering to ensure protection from the effects of mechanical wear, UV exposure and other weathering processes. **ProZone** can be covered with **ProCoat**, a cool roof elastomeric coating which can:

- Inhibit moisture vapor transmission
- Enhance aesthetics of the system
- Increase the impact, chemical, and abrasion resistance of the system
- Satisfy fire resistance criteria and code requirements

Elastomeric coatings are typically specified by the foam supplier as part of a SPF roof system and can include acrylic, silicone, butyl rubber, polyurethane and polyurea.



Application of ProZone on a low-slope roof.



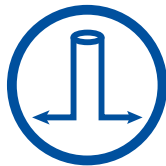
Application of ProZone followed by an aggregate covering.

BENEFITS OF **PROZONE**[™] & **PROCOAT**[™]

Polyurethane Spray Foam Roofing System *Elastomeric Roof Coatings*



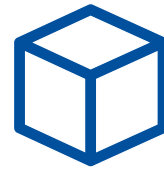
Superior leak protection



Fully adhered, self-flashing system



Excellent wind uplift performance



No seams, joints, thermal breaks, or penetrating fasteners



Increased energy savings due to a superior continuous insulation with minimal thermal bridging



High compressive strength and exceptional durability



Renewable, sustainable, and low maintenance

BUILD FOR ENDURANCE: WEATHER & STORM RESISTANCE

Severe weather events can wreak serious damage to buildings. Independent post-hurricane surveys of roof systems by NIST¹ and RICOWI² found that SPF roofs perform extremely well. Researchers noted SPF's high performance in moisture prevention, keeping the roofs intact and providing protection from hail and debris.

ProZone tenaciously bonds to a wide range of substrates, which greatly enhances its wind uplift resistance protecting buildings and contents during strong weather events. **ProZone** resists leaking from wind driven debris and hail due to its closed cell properties and any damaged areas can be quickly repaired.



The SPF roof on the Biloxi (MS) Coliseum survived 12 hurricanes since 1979.



EASILY MAINTAINED TO ENSURE EXCEPTIONAL LIFESPAN

With regular care and maintenance, a spray foam roof is expected to last 40 or more years. Best practices call for SPF roofs to be inspected bi-annually and after severe weather events.



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About Profoam

Profoam Corporation is a leading supplier of closed cell and open cell spray foam insulation and commercial roof coatings. Profoam manufactures custom built mobile spray foam rigs for SPF contractors and dealers. Profoam is a proud supporter of SPFA and the entire SPF Industry.