

In This Edition of Ask the Roofer:

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- **Vetting Central Coating Company: Earning Your Trust Starts Here**



Q: Does Spray Foam Roofing Make Sense for Commercial Renovation Projects with Title 24 Upgrades?

A: Although SPF roofing makes great sense when specific requirements exist, that doesn't mean it's the best fit for every project. Since SPF roofing is by default an insulated roof, if you don't need the insulation, there are lower cost, uninsulated roofs on the market.

However, if your commercial renovation project includes a Title 24 upgrade, it is often times the case that additional roof insulation will be required. Many of our clients have found that it is in this combination of needs where installing an SPF roof offers the longest lasting, fastest and most cost-effective way to add roof insulation *and* a new roof membrane.

[Want to See an Example?](#)

[Roof Design, Installation & Service for Northern California General Contractors](#)

Q: How Does SPF Work Over Non-Nailable Decks? Is It a Better Solution Than a Fully Adhered Membrane?

A: If your project has a concrete roof deck, a mechanically fastened roof membrane obviously is not an option. Also, many owners are opting for exposed metal or plywood decks and thousands of roofing screws can ruin the industrial aesthetic of an exposed roof deck.

In these cases, a common option is a fully adhered membrane roof installed over fully adhered gypsum roof board and rigid insulation board even though this is an expensive, labor-intensive system.

Alternatively, SPF roofing is fully adhered to the roof deck with no screws and no gaps between insulation boards. Also, SPF is monolithic so there's no way for a leak in one area to run along the roof deck until it enters the building.

A fully adhered membrane roof can consist of rigid insulation, gypsum roof board and a fleece-back membrane. Each layer is glued in place with adhesive, but the roof is not watertight until the membrane is glued down and the seams welded. If rain occurs, the entire section of roof can be ruined by water intrusion and will need to be replaced.

SPF roofing has an advantage in cost, performance and installation time. But perhaps the greatest benefit is that an SPF roof becomes water tight on the first day of installation. This can result in a significant advantage for a builder because interior finishes can be started inside the building below the water tight foam roof even before the roof is completed.



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**Q: Can Foam Be Used to Create Slope to Drain?
Does This Solution Have Any Advantages Versus
Tapered Insulation Board?**

A: One of the greatest advantages SPF roofing offers is that it can be sprayed in varying thicknesses on a roof to create slope. On re-roofing projects foam can be used to fill in ponds and build crickets around equipment.

On new construction or major remodels, foam can be used to create the roof slope, thermal insulation and watertight membrane all in one product. Sloped SPF roofing competes very well with tapered insulation boards. This is true when compared to mechanically fastened tapered board and even more so when comparing foam to fully adhered tapered insulation board.

A tapered insulation board system can be 10 or more inches in thickness and consist of multiple layers of board and adhesive. All of the layers can be subject to air migration through the gaps and can allow a leak to migrate throughout the tapered board. On the other hand, SPF is a monolithic block of sprayed-in-place closed-cell plastic. There are no gaps between boards and there is no path for water to migrate through the system.

Creating slope with tapered board or SPF is a time-consuming process. SPF has the advantage of providing a builder with a watertight roof as the first layer of SPF is installed. Taper board systems are not watertight until the membrane is complete. With this advantage, SPF can accelerate a schedule in many cases.

Vetting Central Coating

If you don't know our company, then you have no reason to trust us. Here are a few facts and figures that might help...

- Winner of Six National Awards
- More than 60 Million Square Feet of SPF Roofing Installed
- A Few of Our Clients Include:
 - [Google](#)
 - [Plantronics](#)
 - [Qualcomm](#)



With more than 50 years experience, our second-generation, family-owned business is ready to answer your questions and start earning your trust.



Central Coating Company

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