

InsulRoof Taper System Gainey Ranch Corporate Center: Scottsdale, Arizona

INSULFOAM[®]

A **CARLISLE** COMPANY

The largest publicly traded EPS manufacturer in the United States.

Paired with Carlisle SynTec Fleeceback for Sound Warranty.



This Arizona tapered roof was installed with a single factory-tapered layer of 1.5 lb density InsulRoof Taper EPS insulation for long-term stable R-value, as well as added stability and



Project Profile: Gainey Ranch Corporate Center

When the Gainey Ranch Corporate Center needed to select a tapered roofing insulation system, they looked to Insulfoam's tapered insulation system to save both money and installation time with a tapered insulation product that can be installed in a single layer.

Tapered panels were used to increase roof slope for additional drainage, while offering a long-term, stable R-Value, excellent dimensional stability, compressive strength and water resistant properties that meet or exceed the requirements of ASTM C578.

Turn over for more details on how Insulfoam Tapered Roofing Insulation provides an ideal solution for tapered roof system needs.

Specify Insulfoam in your projects:

ENGINEERED EPS
Versatile, Durable, Recyclable

www.insulfoam.com





InsulRoof Taper System Gainey Ranch Corporate Center

The Problem:

A tapered roof with strict energy savings requirements was specified within a budget.

The roofing system needed to meet specific thermal values, had to offer quick installation for tight job site time lines, while still maintaining required strength for the SynTec single-ply fleeceback TPO roofing material that completed the roof system.

Further challenges to the project design were the hot Arizona roof top site conditions. Heavier, multi-layer tapered insulation systems required additional mechanical equipment, and labor time which challenged the projects required time line and budget.

Insulfoam EPS tapered roof insulation offers the highest R-Value per dollar over any other rigid insulation.



The Solution: Insulfoam Tapered Insulation

Labor Savings: There are no complicated filler panels systems. Tapered InsulFoam can be installed in a single layer for thicknesses up to 40", making it significantly more cost effective than comparable rigid-insulation tapered systems. The ultra lightweight nature of Insulfoam EPS further allowed for fast installation.

Promoted Positive Drainage: Tapered InsulFoam is the ideal insulation for both new construction and re-roofing projects in which positive slope is desired or ponded water is a concern.

Environmentally Friendly: 100% recyclable if ever removed or replaced, Insulfoam EPS contains no formaldehyde or ozone-depleting HCFCs.

Stable R-Value: EPS's thermal properties will remain stable over its entire service life. There is no thermal drift, so the product is also eligible for an Insulfoam 20-year thermal performance warranty.

Proven Performance: The same fundamental EPS chemistry has been in use since the mid-1950's so the actual performance of the product is well known.

Water Resistance: Tapered Insulfoam does not readily absorb moisture from the environment.

Code Approvals: Tapered Insulfoam is recognized by the ICC-ES, and has numerous Underwriters Laboratory and Factory Mutual approvals.

Insulfoam EPS:

From foundation to roof and everything in between

- Roof Insulation Systems
- Below Grade & Under Slab Insulation
- Wall Insulation
- Geofoam - Transportation & Earthworks
- SIPS: Structural Insulated Panels
- Building Envelope Insulation Systems
- Architectural & Specialty Shapes
- O.E.M.: Garage Doors, RVs, Cold Storage & More
- Commercial & Residential

