



Image courtesy of General Coatings

Spray Foam Cures Cancer Research Facility's Aging Roof

Complex Cool Roof Coating System in California a Success

To improve energy efficiency and prevent roof leaks at NeoGenomics's cancer research center in Aliso Viejo, Calif., Olen Properties turned to its trusted roofing contractor, Applied Roofing Services, to specify and install closed-cell spray polyurethane foam (ccSPF). The system, supplied by General Coatings Manufacturing Corp. and featuring Honeywell's Enovate® 245fa blowing agent, was chosen due to its proven performance.

SPRAY FOAM

THE RIGHT CHOICE FOR A COMPLEX ROOF

A leader in cancer-focused genetic testing services, NeoGenomics had strict requirements that the roof retrofit meet the highest safety standards and not disrupt its sensitive laboratory environment. After evaluating alternative roofing products, such as single-ply membranes and fluid-applied emulsions, Olen Properties chose closed-cell spray polyurethane foam.



View of partially completed ccSPF installation

OUTSTANDING PRODUCT

Applied as a liquid that rapidly expands into rigid foam, ccSPF provides an outstanding thermal, air, and moisture barrier. Its unique ability to seal and contour around roof protrusions and penetrations makes it a superior choice.

NeoGenomic's Roof Project at a Glance

- Approx. **70,000 sq. ft.**
- **>250** penetrations
- **28 A/C** units
- **5 electrical conduits** (each 6" in diameter and 100 ft. long)
- **6-8" water line** across roof / numerous other pipes
- **Multiple skylights**

SUPERIOR INSTALLATION

Applied Roofing Services, an experienced contractor, completed the retrofit safely and efficiently without disruption to lab services.

Keys to Success

- Sprayed unoccupied building on weekends, preventing noise issues and other disruptions
- Followed safety practices e.g., personal protective equipment for workers, warning flags, tethers, and more
- No roof tear-off needed (prevented landfill waste / reduced project time)

PROVEN RESULTS

- Improved energy-efficiency
- Eliminated leaks
- Durable, double granular surface stands up to foot traffic when servicing rooftop equipment
- Self-flashing/self-adhering ability lowers wind-uplift risk/increases severe weather protection

Looking ahead, General Coatings is developing a system using Honeywell's next-generation Solstice® Liquid Blowing Agent. For Honeywell and General Coatings, innovation is in our DNA.



Learn More

Contact Honeywell at 1-800-631-8138 or visit www.honeywell-blowingagents.com

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