

XYZ Company is your best choice. Better technology creates better solutions and better solutions increase performance. Our industry leading, 12-foot wide roofing membrane, combined with our innovative extrusion technology and stabilizer enhancements creates roofing results that count.

A Star Performer

25 years and still going strong. Since 1980, XYZ remains a driving force in PVC roofing, surpassing both consumer expectation and industry standards to create superior product that blows the roof off the competition.

Nothing's cooler than our PVC membranes, either. Where did we go right? Let's talk energy and environment.

- We shine with the brightest. Our PVC roofing meets Energy Star requirements, with initial reflectivity measured at 65% and subsequent reflectivity still at 50% after 3 years—with a bit of tender loving care.
- Points taken: A LEEDs Sustainable Site Credit point (7.2) for not just meeting EPA requirements, but for demonstrating .9% emissivity on 75% of our roof surface.
- Surface temperature in moderation. Rather than the expected 90° increase in black roof surface temperature, exposure to direct sunlight on a white PVC roof raises temperature a very modest 14.6°. In fact, because of its color and transparency, PVC roofing is rated highest in keeping cool.
- Pocket the savings. Basing its information on your geographic location and the level of insulation in your building, visit the DOE's cool roof calculator to see your potential energy costs go down with a PVC reflective roof installed.
- Environmentally healthy bonding. We use both water-based and low VOC adhesives or mechanically fastened systems to meet your specifications. And, our PVC membrane contains an immutable form of chlorine that won't migrate from the finished product. Used as landfill liners and pond covers, our product is safe for the environment.

New Technology Creates New Solutions

Since 1980, XYZ has continued to raise the bar as our investments and research in new roofing technologies and materials continue to bring results. Our groundbreaking best keeps getting better.

State of the art Extrusion Technology

Since our inception, XYZ's manufacturing process has continued to evolve and innovate, creating the best products possible. From our early years using a spread coat process to create our PVC, we switched to a more effective calendar operation. Since then, we have revolutionized the industry by creating a new, state of the art extrusion process.

What makes our latest manufacturing process the best ever? The reduction of excessive heat. A high temperature, or long-lasting exposure to lower temperatures, reduces PVC's ability to control plasticizer migration, which results in an eventual loss of product flexibility. In contrast, using our new extrusion process, our roofing product is exposed to heat for only 15 seconds.

From the chart below, it's easy to see how dramatically extrusion technology has increased our product's performance.

[chart]

UV Stabilizer Technology Enhancement

PVC roofing membranes are designed to be exposed to long periods of direct sunlight—and the UV rays that come with it. While an unfortunate byproduct of UV exposure is premature aging, XYZ PVC membranes contain UV light stabilizers that protect the product from aging prematurely by dissipating the UV light and improving PVC membrane longevity.

XYZ recognized that the existing technology behind UV stabilizers could be improved upon, so we partnered with ABC Specialty Chemicals to develop a new class of light stabilizers, a low-basicity hindered piperidine derivative that provides extraordinary UV protection for PVC membranes. This new class:

- enhances our PVC's membrane performance
- leaves the basic PVC product chemistry unaltered, accommodating all code requirements while keeping installation methods exactly the same.

After 3 years of extensive on-roof performance studies and thousands of hours of accelerated aging analysis, ABC and XYZ confirmed the performance enhancements and implemented the new class of light stabilizer.

The dynamic combination of XYZ's new extrusion technology with the addition of the new UV light stabilizer substantially improved our PVC membrane's flexibility retention—and demonstrated the highest percentage retention of all competitive products tested. See the slide below for more details.

[Slide of XENON Arc test]

Technologies, Solutions, Performance

Our cutting-edge roofing technologies have created solutions that exceed both industry and consumer expectation. To talk about performance, meet with your XYZ representative or visit us today at www.xxxyyzzz.com.