



**WEATHERWELD™**

# Public Sector

Roofs Made Seamless, Life Made Simple



# WeatherWeld Roof Systems Solve Public Sector Concerns at Every Level

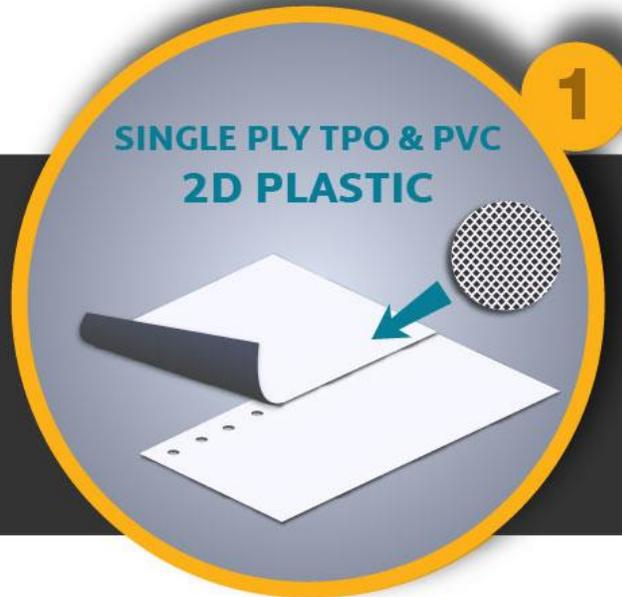
Public entities must deal with a wide range of issues when determining how to allocate funds for the management and maintenance of their facilities and properties. The further they can stretch their dollars, the more effective and efficient their department can be.

In the case of public buildings, repairs can eat up a huge chunk of that budget. That's why the emphasis is on utilizing services that can extend the life spans of those building components.

# Seamless Evolution

WeatherWeld has become a favored provider for many federal, state and local government entities that must maximize building performance while optimizing their budgets. The reasons for that are clear: WeatherWeld offers a unique, proven roofing solution for the special challenges of Western construction where extreme heat and other elements can be problematic. Unlike most roof systems where roll materials are glued together, WeatherWeld's process has no point of separation. There are no gaps, joints or spaces for penetration – not even in cases of ponding water.

# WeatherWeld Technology Comparison



## SINGLE PLY

6' Seams. 2D Seamed Reinforced.  
TPO, PVC or Polyester

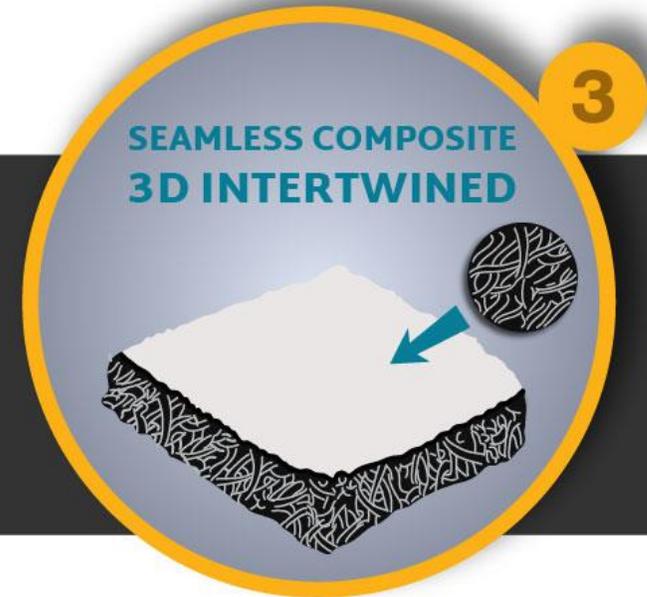
The seamed thin plastic sheets, which are subject to tears and weathering, also leave entry points for water, which causes leakage and ultimately failure.



## BUILT-UP & MODIFIEDS

3' Seams. 2D Laminated Reinforced.  
Polyester or Filament Fiberglass.

Redundancy provided by three additional layers of security reduces seam problems, but still leaves considerable areas of vulnerability.



## WEATHERWELD

No Seams. 3D Endless Reinforced. Long  
Fiberglass Strands.

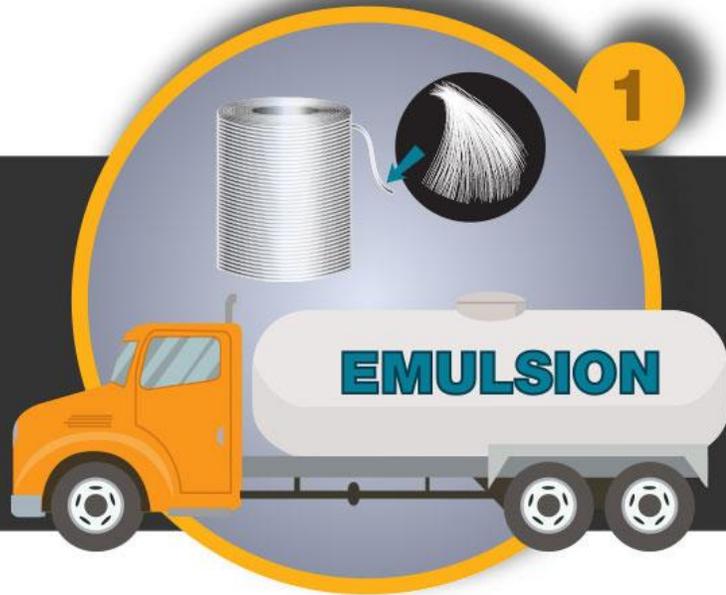
This solid protective structure solves the fundamental flaws of seamed roof systems, providing long-term security against water entry and weathering.

# Onsite Control at Every Level

This watertight seal utilizes a technology that the company developed more than 20 years ago, which blends bentonite emulsion with long, intertwined fiberglass strands to form an ultra-tough seamless composite. All raw materials are brought to the site where the product is manufactured on the spot with patented equipment operated by a skilled professional installation team. Not only does this ensure the highest level of quality control, but it also eliminates the middle man, which reduces unnecessary costs for the customer. WeatherWeld can more easily expedite the job as well, since there is no need to wait on delivery from often unreliable suppliers dealing with an overload of other orders.

The spray-on application eliminates the hassle of having to move heavy rooftop equipment that can delay the project and potentially damage the roof. Even vertical applications are possible with this versatile process.

# WeatherWeld Roofing Process



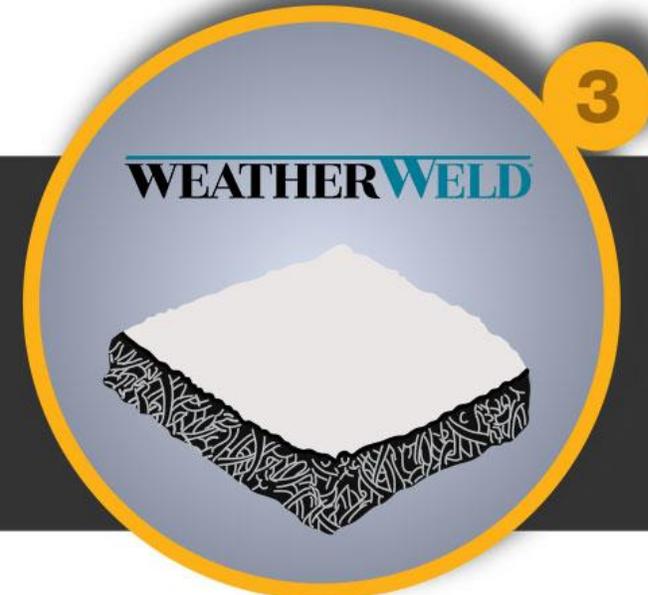
## Fiberglass Strands/Emulsion

Long fiberglass strands and long-lasting asphalt emulsion are the materials of choice, for forming an ultra-tough protective coating.



## Unique Application

A patented tool initiates the unique process by cutting the fiberglass material into 1 to 2-foot lengths and blending it with the emulsion.



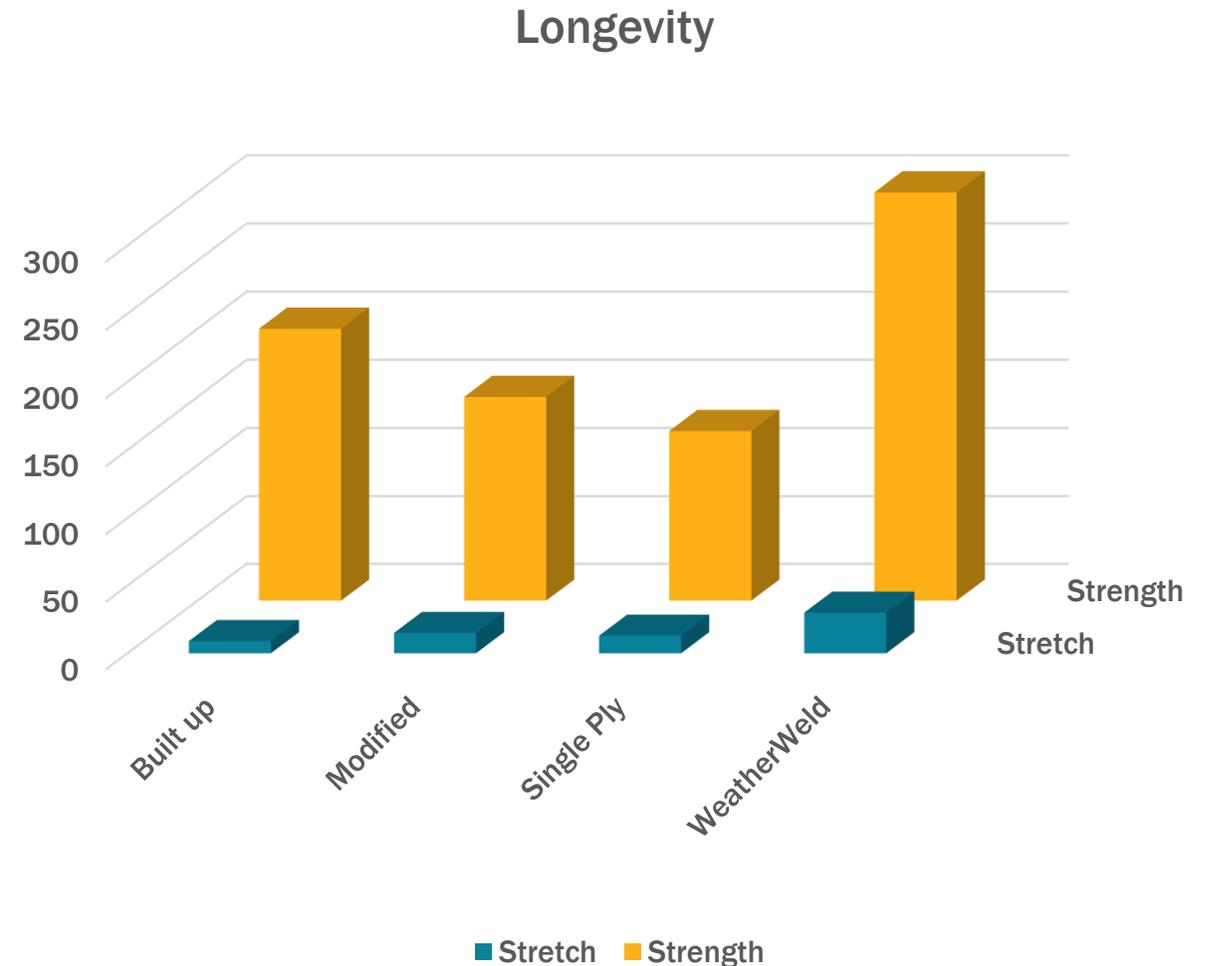
## Composite Structure

Fiberglass strands lock into the emulsion, giving it added strength as it seamlessly covers the surface for a watertight seal.

# Strength and Stretch in All the Right Places

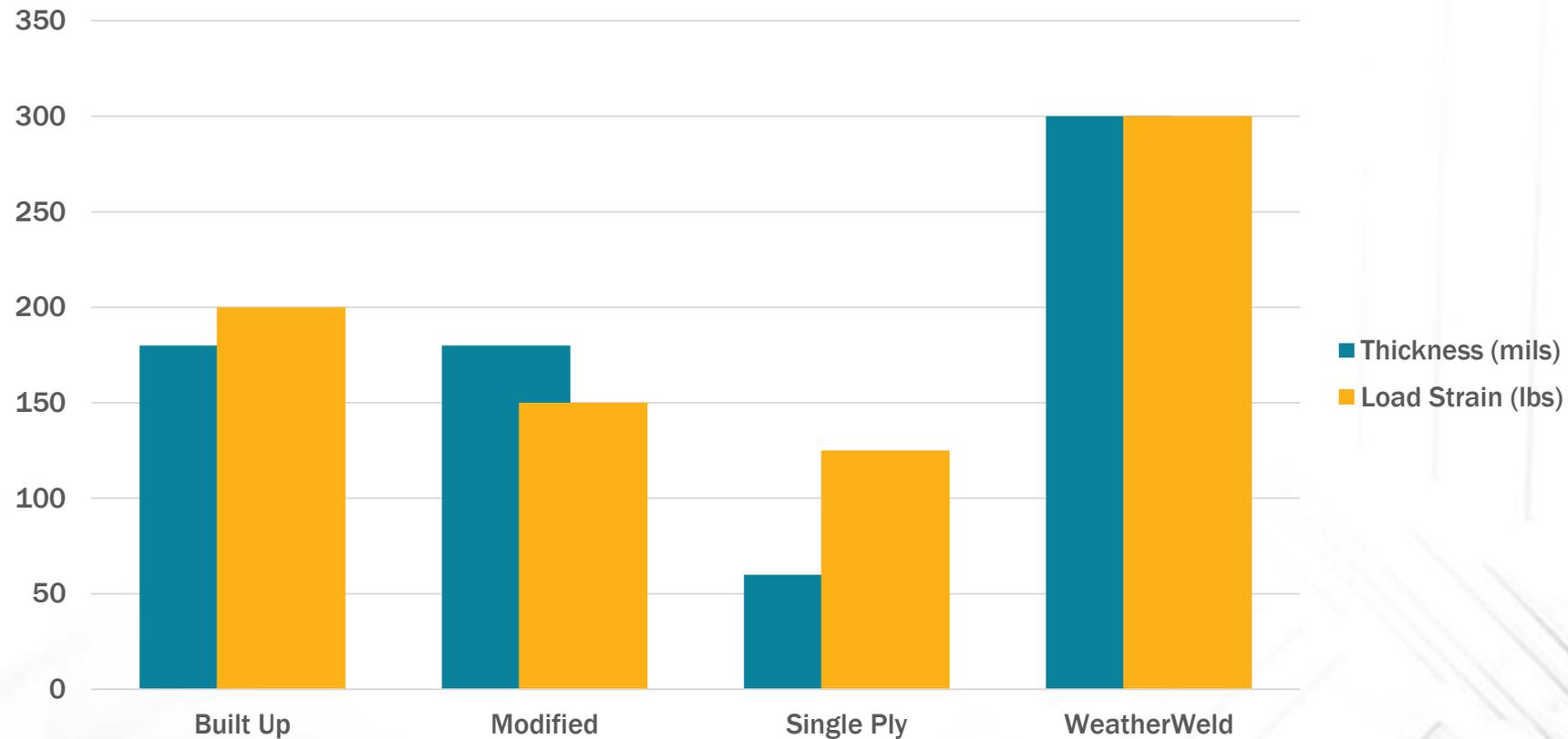
When choosing a roofing system that can provide many years of dependable performance, it's important to examine a variety of factors. In addition to the detail that goes into the installation, it also includes everything from strength and stretch, to load strain and thickness.

WeatherWeld roofing systems feature a load strain capacity of 300 pounds, combined with 10% elongation. This gives it the strength and durability to withstand general wear and tear, cracking and other elements of degradation common with ordinary roof systems and processes. Even though the material used by WeatherWeld is very strong, it is light enough that it doesn't overburden the structure.



# Trouble Free Performance

Strength, thickness, and flexibility are critical factors for long-term durability. Stretch fatigues like a rubber band. Strength resists strain without stretch, like steel. Thus, higher load strain numbers indicate longer life, without system fatigue.



# In Sync with the Environment

Every WeatherWeld roof has a UL Class A fire rating. It is inherently fire retardant because of its use of inorganic materials. The fiberglass reinforcement does not burn, and the inorganic bentonite clay in the asphalt forms a stone barrier when exposed to sun or heat. These inert materials also help to slow the weathering process.

No other roof product exhibits lower environmental impact or offers more sustainability for the life of the building than WeatherWeld. The raw materials used are delivered to the job site in bulk reusable containers, and the raw fiberglass consists of 30%-50% post-consumer recycled materials. Because the diameter of the fibers is so large, they cannot be absorbed into the body. Furthermore, WeatherWeld's asphalt emulsion is protected by inorganic bentonite, which blocks chemicals from leaching to the surface during aging. All of the materials pass NSF clean water standards under ASTM E 729-96.

# Installing and Instilling Peace of Mind

Though WeatherWeld roofs put into service at the outset of the product's introduction are still going strong today, the company does offer its standard 30-year warranty as well as a 40-year guarantee, which is almost unheard of in the industry. These are full coverage warranties, with no exclusions for standing water, repairs or maintenance, though repairs must be made to WeatherWeld specifications.

WeatherWeld also provides all of the free technical support that a client might need. Because WeatherWeld has worked within the public arena for many years, government and other public clients can discuss their unique situations with someone who understands the challenges inherent within the public sector, such as limited budgets, safety concerns, tight schedules and approval clearance issues. Most important, WeatherWeld can respond with practical solutions.

Public sector agencies and departments have found a valuable partner in WeatherWeld, which offers long-term solutions for durable, quality roofing designed to last – and last.

# Receive a Free Price Quote

WeatherWeld believes in total transparency with our valued customers – no extra surprises, no hidden costs. Call us to review your specific needs, or answer two simple questions in our [Pricing web page](#), and...before any work is done...we will provide a free cost estimate without any salesmen or in-person meetings.

For more information about the many advantages of WeatherWeld,

Call 888-440-3224 or visit [www.weatherweld.com](http://www.weatherweld.com).

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