



**ANCHOR
PRODUCTS™**
Secured Mounting Solutions

SOLAR

SOLUTION GUIDE





Solar Mounting Solutions
So Simple, They Are Brilliant.

Roofing Experience: A Vital Necessity

Anchor Products evolved out of the roofing industry.

We started as roofers that focused on understanding and mastering all types of low slope, single-ply commercial roofing, and with that knowledge, we created the perfect mounting solutions for Solar Installers. Our Solutions allow solar professionals to mount a photovoltaic system to the roof with the utmost confidence, while providing reliability that the system will remain in place and assure that no damage will be done to the roof.

Partner with us for our reliable solutions. Because we are roofers first, the roof surface that you are making installations on stays protected, every single time.

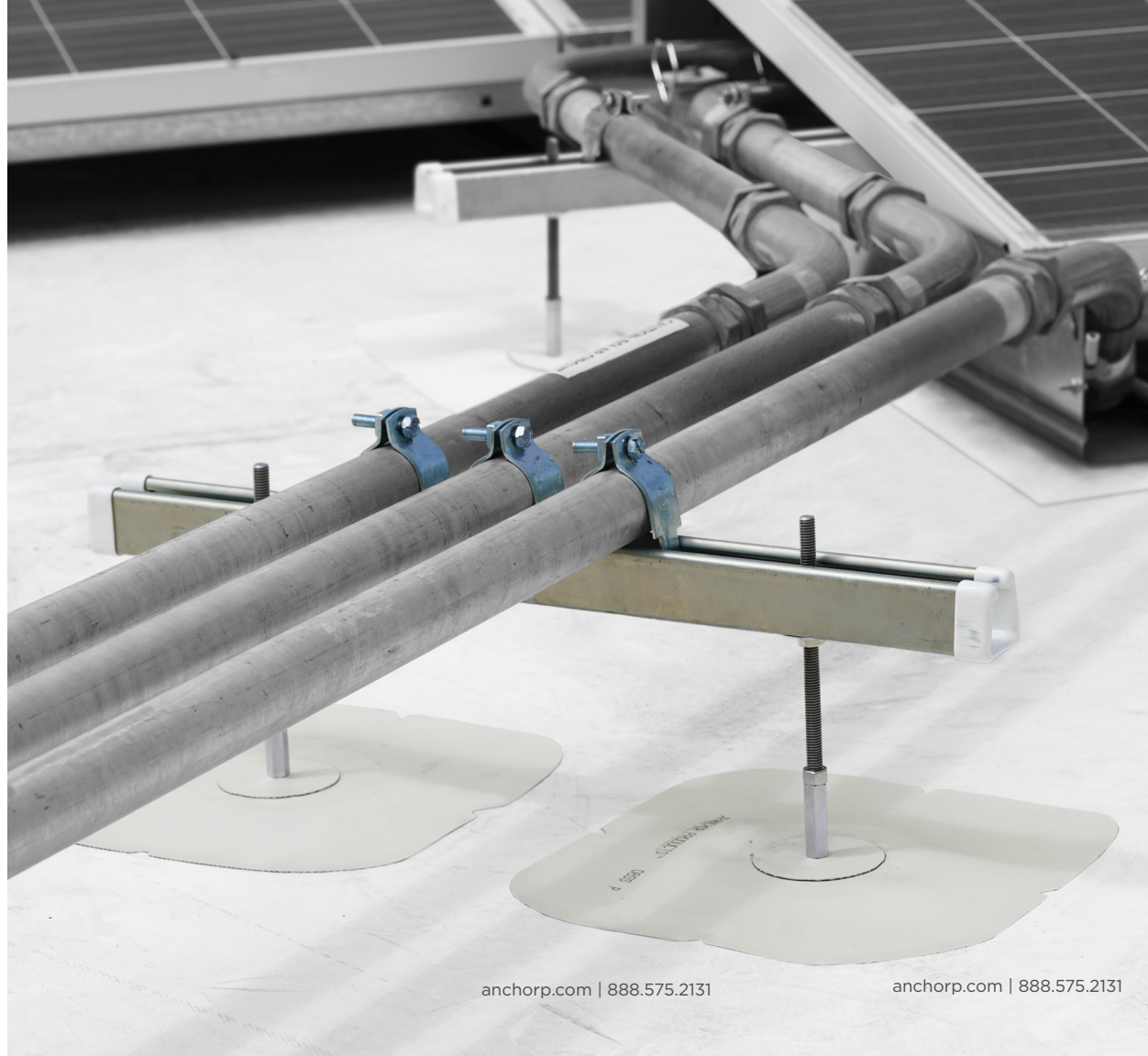
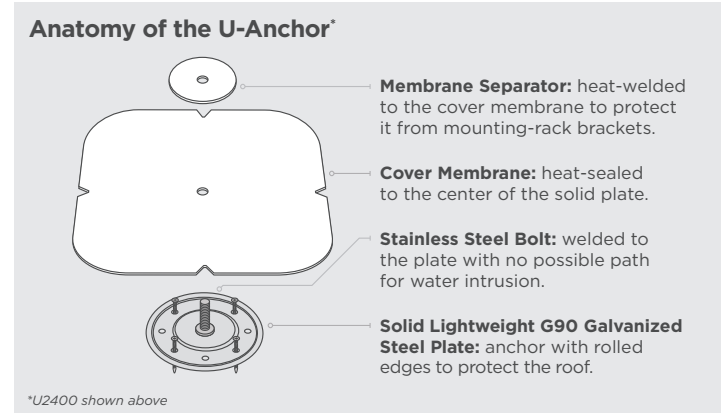


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Key Reasons Using U-Anchor Matters for Solar Array Installations

U-Anchors combine strength, efficiency and versatility across the spectrum of solar installations.

U2400 is a lightweight rooftop attachment system consisting of a U-Anchor 2000 Series plate and the same cover membrane of your roof. The membrane is factory heat-welded to the top of the plate. It provides a watertight, manufacturer-accepted attachment for mechanically attached and fully adhered single-ply membranes. U2400 is available for EPDM, KEE, PVC and TPO roofing materials. The U-Anchor installs easily in minutes, saving you time and manpower while reinforcing the strength of your solar panels.



U-Anchor is the Right Choice

Efficient Installation

Not only is the installation quick, it is very cost effective. The installation of the U-Anchor system results in reduced cost in labor, maintenance and liability. A win-win all the way around.

Superior Strength

Each U-Anchor shows exceptional resistance to both tension and shear. The attachment provides unparalleled securement for your solar panel system against high winds, seismic events or any other natural hazards.

Universal Application For All Roof Types

This system can be safely attached to commercial grade TPO, PVC, EPDM, Asphalt and coated roofs. The U-Anchor is a non-penetrating securement method. Accepted by all major North American roofing manufacturers.

Lightweight

U-Anchor is lighter and adds significantly less weight to the roof than other methods. Transportation and handling of the U-Anchor system is much easier than the industry standard methods used today.

Simplified Engineering With Consistent Design

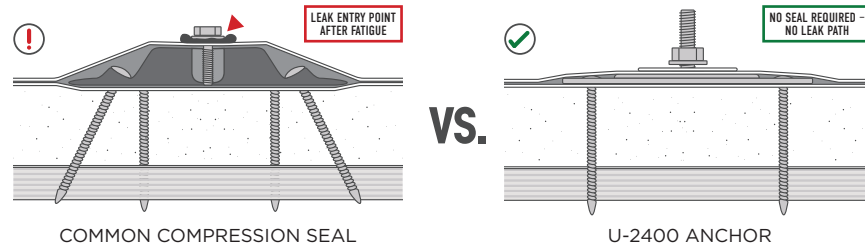
The U-Anchor is a fully-designed attachment system, tested and proven to provide a consistent performance in strength, regardless of weather and other natural occurrences. It provides a better solution for commercial rooftop systems.

U2000 SERIES 5.5" x 5.5" Galvanized Steel Plate



Solid Plate Technology is Superior to Compression Seals

Compression seal technology is vulnerable to leaking. U-Anchor solid plate solutions are not. It is just that simple.



! COMPRESSION SEAL ISSUES:

A doughnut hole in the base compression seal is an opening in the attachment, where water can collect and can create a water path leading to a leak.

Vibrations and movement cause the fasteners that secure the compression seal pieces to back out, compromising the seal and allowing for catastrophic leaks.

Wind loads apply tension to a compression seal, pulling its components apart and allowing water to get under the seal.

Bolts, compression seals and caulk require invasive inspections and necessary maintenance, which are not included in warranty coverage.

Frequent inspections and constant maintenance require adjustments to hardware and components, which often lead to downtime and possibly interruption of business.

✓ U-ANCHOR SOLUTION:

Fully-adhered U-2000 Solutions are heat-welded to the roof, which forms a non-penetrating waterproof protective shield.

U-2000 Anchors are engineered as an integrated rooftop component and are unaffected by vibration or movement.

When installed properly, U-2000 Series anchors are part of the roof. They will not come apart and water cannot get in.

The U-Anchor is the ONLY solution included in some roofing manufacturers' guarantee. No maintenance is required to uphold the Anchor Products warranty.

No maintenance means no downtime. No worries.

Comparing a Fully Anchored™ System to a Ballasted System

Traditional ballast may still be a popular method, however Fully Anchored™ is the fastest growing solution in the market.

When choosing roof attachment securement for your solar investment, whether it's a ballasted solar array or the fully attached U-Anchor securement from Anchor Products, you must consider performance, cost, ease of installation, and protection of the roof surface.

! BALLAST ISSUES:

Ballast is considered an overburden to the roof and manufacturers will not cover damages caused by the effects of ballast.

Ballast can be ineffective in high wind or seismic event scenarios, as they can be blown from their placement and damage rooftop equipment, as well as the roof surface.

Ballast blocks typically weigh 30 lbs. each, putting unnecessary weight on the crew and the structure itself, which causes more damage over time.



VS.



The U-Anchor stands out when it comes to holding strength, efficiency and cost. If you're still not sure, have our team do a cost analysis and walk you through the installation process. We will demonstrate why the U-Anchor is the superior choice for securing your solar array.

✓ U-ANCHOR SOLUTION:

U-Anchors can be included in the warranty of the roof, and are allowed as a "roof-friendly" solution by all manufacturers.

U-Anchors fastened to the roof will prohibit all movement and will eliminate issues caused by vibrations, preventing stress on the racking, array, connections, conduit and roof membrane.

U-Anchors weigh less than a pound, and in turn, offset thousands of pounds of ballast. They are easy to load and will not damage the roof. A quick installation makes them more time efficient as well.

PROVEN RELIABLE:

Shedd Aquarium

CHICAGO, ILLINOIS

Chicago's blustery lake winds and extreme temperatures are no match for the strength and reliability of the U-Anchor Solutions.



BY THE NUMBERS:

ANCHOR PRODUCT SOLUTION	U-ANCHOR U2800-COATINGS™
SOLAR PANELS	913
PROJECT SIZE	264 KW
INSTALLED BY	INNOVATIVE

PROVEN STRONG:

Westin Dawn Resort

ST. MAARTEN

The U-Anchor proved its strength by withstanding gale-force winds of Category 5 Hurricane, Irma, as our mounting racks remained intact with only debris damage.



BY THE NUMBERS:

ANCHOR PRODUCT SOLUTION	U-ANCHOR 2000
PROJECT SIZE	900 kW
MODULES INSTALLED	913
INSTALLED BY	SXW WIND POWER
HURRICANES SURVIVED	3 (CATEGORY 1, 4, 5)

PROVEN COMPLIANT:

Mandalay Bay

LAS VEGAS, NEVADA

The U-Anchor continues to set standards by exceeding code with its tested, cost effective, non-penetrating solutions as demonstrated atop this iconic desert destination.



BY THE NUMBERS:

ANCHOR PRODUCT SOLUTION	U-ANCHOR 2000
SOLAR PANELS	21,325
PROJECT SIZE	6.4 MWp
INSTALLED BY	SUNORA ENERGY SOLUTIONS

PROVEN SECURE:

iPark Hudson

YONKERS, NEW YORK

Flying debris damaged some of the solar panels at this exclusive office park during Superstorm Sandy, but the U-Anchor did not falter in those high winds, protecting that rooftop investment.



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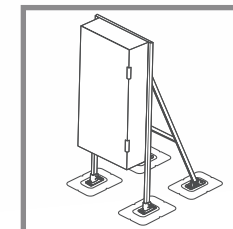
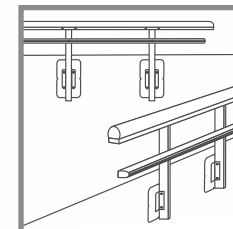
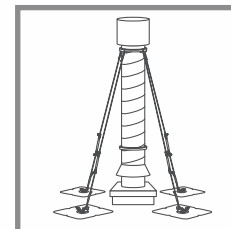
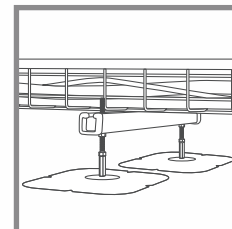
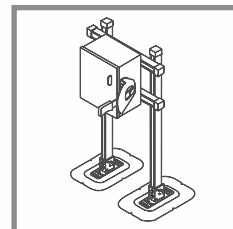
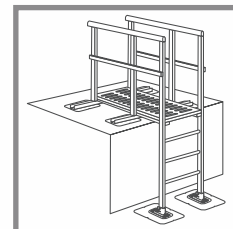
ANCHOR PRODUCT SOLUTION	U-ANCHOR 2000
PROJECT SIZE	1.22 MW
SOLAR PANELS	3,700
ROOF AREA	110,000 SQ FT
HURRICANES SURVIVED	2 (CATEGORY 1, 4)



More Than Just Solar Attachments

There is no solar array system project too big or too small for us to help you with your attachment needs. Utilize the U-Anchor and AP Solutions to secure your conduit, junction boxes,

combiner boxes, batteries and electrical boxes, and many other rooftop equipment securement needs. Our team will help find the perfect anchor and solution to fit the needs of your project.



WE HAVE ALL THE SOLUTIONS FOR ANY OF YOUR ROOFING NEEDS:



MEP



GUARDRAIL



LIGHTNING PROTECTION



ACCESS



PIPE/CONDUIT SUPPORT



FALL SAFETY



SNOW RETENTION



ELECTRICAL



EQUIPMENT SECUREMENT



SOLAR



INVERTER BOXES

Custom Orders Built To Your Needs

We will help you customize a proven solution for your solar installation.

Why Anchor Products

Anchor Products was first-to-market with a seamless, non-penetrating solar attachment in 2014, and it remains the only manufacturer of lightweight, watertight anchors for solar and all other commercial rooftop equipment.

Anchor Products – reinforcing your trust in our ease of installation, superior strength, universal use and our roof-friendly application to remain code compliant.

- **Simple Installation** – Installation made easy to anchor your rooftop equipment to the roof's surface safely and easily.
- **Superior Strength** – The strength of the U-Anchor and its Solutions is first class and is able to resist high levels of tension and shear to provide securement in high winds or seismic events.
- **Rooftop Compatibility** – Anchor Products secures equipment and accessories for TPO, PVC, EPDM, Asphalt and coated roofs, and matches your roof's color and material..
- **Roof-Friendly and Code Compliant** – The U-Anchor is a non-penetrating securement method. Accepted by major North American roofing manufacturers. This method is code compliant to maintain the integrity of the roof's warranty.



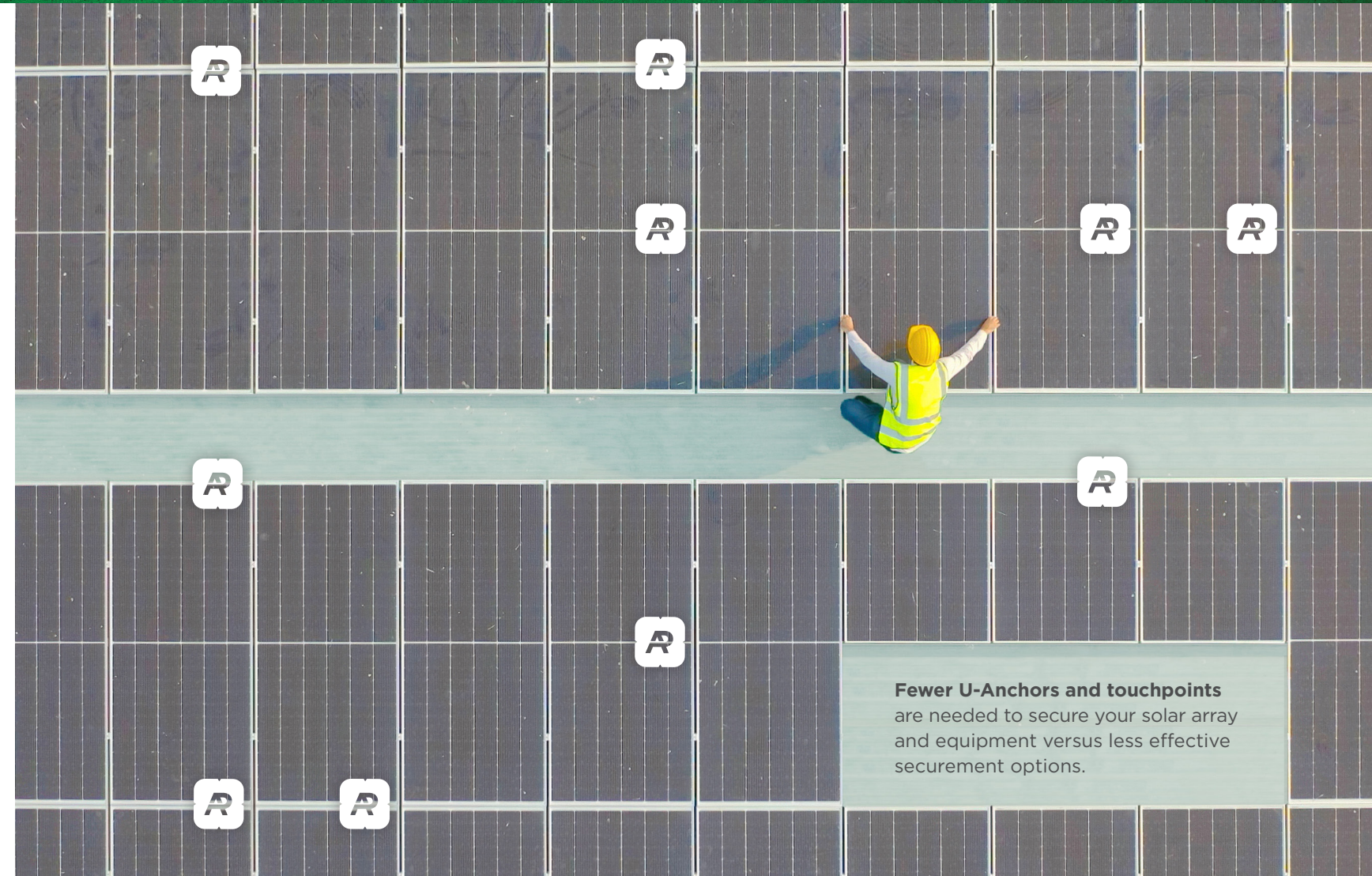
Let us help you find your Solution and educate you on the benefits of the Solar Investment Tax Credit.

Roofing projects that include solar installation are eligible for the Solar Investment Tax Credit— plus bonus depreciation on the roof. Ask us how the Solar Tax Credit can work for you.

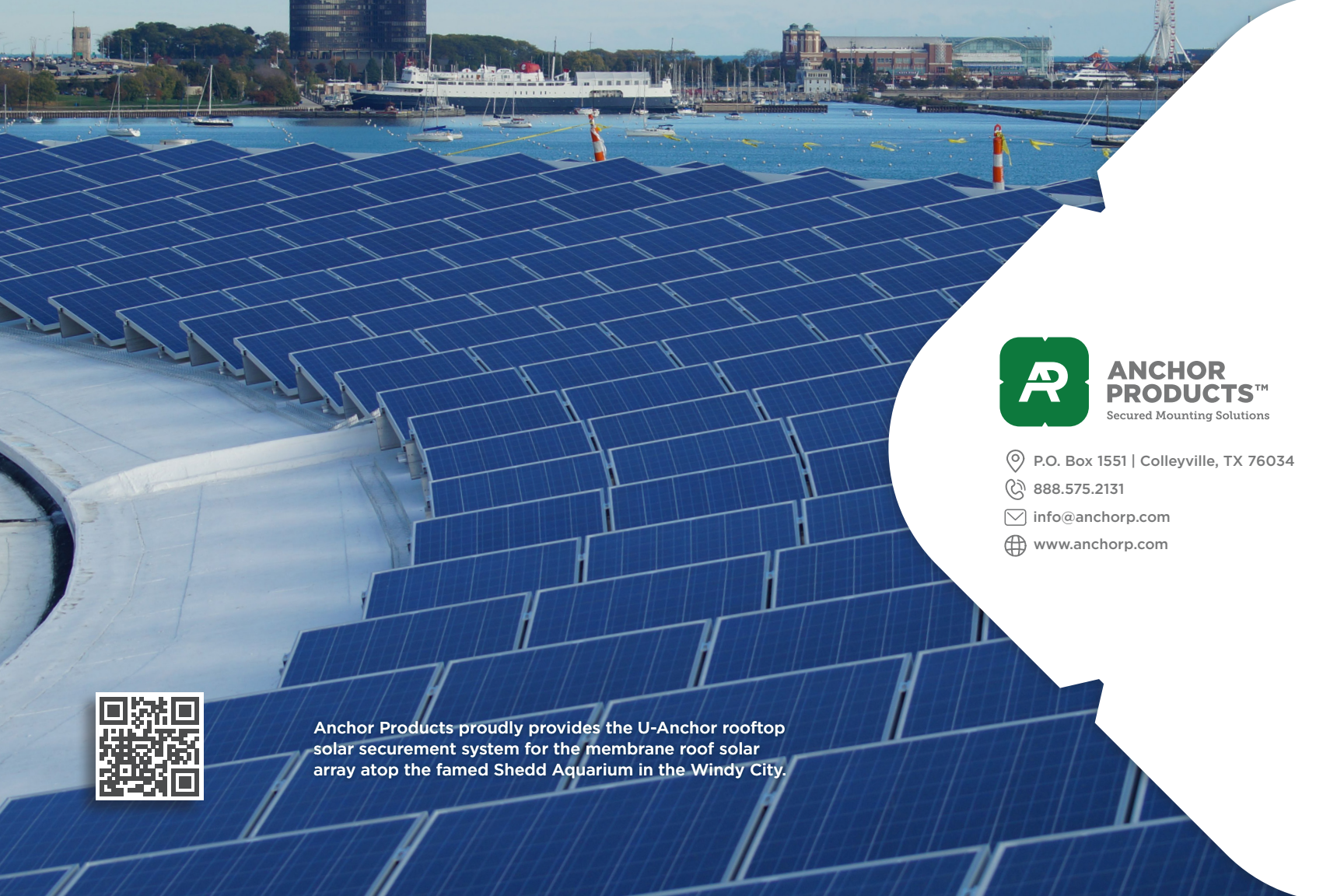
If your solar installation includes conduits, junction boxes, combiner boxes, batteries or electrical boxes – or any combination – Anchor Products will work with you to design a solution that fulfills your securement needs.

Put the Anchor Products advantage to work for you. Contact us today to learn how:

888-575-2131 or info@anchorp.com



Fewer U-Anchors and touchpoints are needed to secure your solar array and equipment versus less effective securement options.



**ANCHOR
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Secured Mounting Solutions

 P.O. Box 1551 | Colleyville, TX 76034

 888.575.2131

 info@anchorp.com

 www.anchorp.com



Anchor Products proudly provides the U-Anchor rooftop solar securement system for the membrane roof solar array atop the famed Shedd Aquarium in the Windy City.