



What Makes Us Better?

✓ **Fully Extruded Aluminum components**

Every major component of our structure is made of fully extruded aluminum, rather than cheaper, roll formed aluminum used by competitors. Extruded aluminum has a higher tensile strength and allows for a stronger system with longer spans without deflection.

✓ **Patented Interlocking Louver Design**

We engineered and patented the finest louver design in the market today. This patented interlocking louver design provides superior performance in rain conditions. This ability to eliminate dripping between the louvers has made StruXure the company of choice for hotels, resorts, restaurants and country clubs because they can't afford to take chances when it comes to patron comfort.

✓ **360° Integrated Gutter System**

Each system has a fully extruded 5 ½" gutter system that encompasses the perimeter of each zone. This allows for superior water management. We can utilize our posts to act as a downspout to provide a clean, minimalist look. No system handles rain and water better than StruXure Outdoors.

- We revolutionized the gutter corner connector system, including the development of its patented "pass-through" gutter system for multiple zones.
- Our new 7" commercial gutter system has a 4" lip to handle 3 times the water as our current gutter.

✓ **Premium Powder Coating Process**

We recognized early on that the standard powder coating process applied by the mills (suppliers) is insufficient to hold up in environmental conditions such as; salt water air, chlorine, sun, rain, etc. We chose to go with a more extensive pre-treat process and premium powder coat finish is standard on all components. We've set the standard by providing you with a superior, longer lasting finish.

- PPG 2604 premium chemical texture matte finish available in 5 standard colors
- Requires multiple pre-treat steps and applied by a certified dealer
- PPG 2604 premium chemical texture powder costs more but is worth it

✓ **iLouver™ Operating System**

Our iLouver™ operating system is the most technologically advanced system available. iLouver works on any smart device to provide more control over your system and can be integrated with our new wind and rain sensors. You can program preset positions, auto open and close times

✓ **Wind & Rain Sensors**

iLouver can be integrated with a wind and rain sensor for automated control poor weather conditions. The rain sensor can be programmed to automatically close the roof upon detection of rain. It then opens 10 degrees after 20 minutes of no rain.

Wind sensor can be set to “Hurricane Mode” which will fully open the roof at preset wind speeds to eliminate any resistance and minimize uplift. When this mode is triggered, it will override all other sensors and presets until (so it doesn’t close the roof in high winds).

✓ **Smart Motor Technology**

The iLouver smart motor is the engine to your system. Our smart motors were designed to integrate with the iLouver OS. Made in the U.S. and are Underwriters Laboratory (UL) and C.E. approved, these motors have been cycle tested and very quiet.

- Exceptionally Quiet – super quiet motor
- Environmentally Tested – operates in harsh conditions, exposed to rain, dust and other particulate without the use of any additional cover. It rated for class IP67.
- Maintenance Free – requires zero maintenance throughout the life of the motor. The average life is 10,000 cycles (one full stroke back and forth) at the max load.
- Linear Is Better - Our linear motor is unique in that it offers an ELS (electronic limit switches) which turns off in case of overload (obstruction).
- Certifications & Standards - each motor is designed to meet all relevant certificates and is built in accordance with ISO 9000. That means it is both *UL & CE certified*.

✓ **StruXure Care**

Some dealers can offer an annual maintenance program to check all components, lubricate the track pins and power wash and wipe down the system. We recommend that all commercial jobs be lightly pressure washed and wiped down twice a year. This enables a much longer life to the finish and keeps the system looking “like new” for the life of the system.

✓ **Made in America**

Our system is made entirely in the U.S. by American craftsmen in two 30,000 square foot fabrication facilities (Dahlonega, GA and Henderson, NV).