



# ARM-R-LITE Door Manufacturing Co. Inc.

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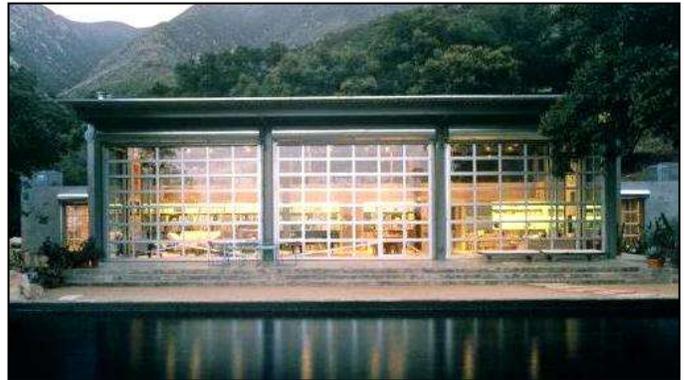
## ENERGY EFFICIENCY PACKAGE

**“Armor against the elements!”**

A great option for projects that require a more efficient way of insulating and reducing water infiltration without compromising style.

- **Water Resistance:**

Interior sealing of aluminum members during the manufacturing process...virtually sealing from the inside-out. (All rail & stile aluminum doors leak where rails & stiles are butted together, etc) This option provides resistance against water/air infiltration.



- **Completely Insulated Frame:**

- **5/8” insulated glass or panels**, all cavities of our tubular rails & stiles are injected with polyurethane foam...creating insulation & simultaneously forming a water resistant feature.

**OR**

- **1” insulated glass or panels**, all cavities of our tubular rails and stiles are injected with polyurethane foam, creating insulation & simultaneously forming a water resistant feature.

**To speak with one of our sales representatives, please contact us  
at  
1-800-554-5816.**

**Visit [www.Arm-r-lite.com](http://www.Arm-r-lite.com) to explore all of our products!**



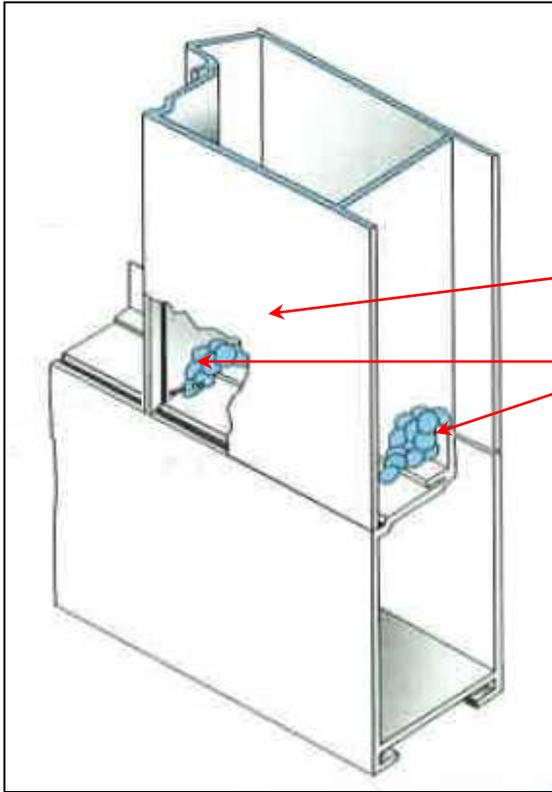
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## Heli-Arc Weld Construction Method



Lengths of 6063-T5 alloy hollow aluminum extrusions are cut to size for rails and stiles. Stiles are then contour-milled and accurately joined to the rails by **concealed heli-arc welds** to produce flush hairline joints and framework unequalled in strength and durability.

1. **Strong four sided - tubular extrusions** are used rather than weaker 3-sided which can crumple under pressure.
2. **Arm-R-Lite is the only glass garage door manufacturer that produces a welded frame.** The most common construction method uses thru-bolts to hold sections together – which sag and separate over time, affecting curb appeal and reducing the performance life of the sections and door. **Welded sections never separate and will out perform thru-bolted doors year after year for decades!**

Regarding Replacement Sections: Arm-R-Lite has used the same production method starting with our first welded door in 1958 and can reproduce identical sections to replace impacted or damaged sections for all of our welded models– **regardless of fabrication year!**

## Energy Efficiency/Insulation Options and Welded Construction

All of Arm-R-Lite's welded aluminum and glass models are available with our exclusive Energy Efficiency Package for maximum insulation and water resistance.

1. After welding, **polyurethane foam is injected directly into the hollow four sided extrusions.** The foam expands and fills in every hollow space within the frame with insulation.
2. **All meeting members are completely sealed,** making the frame both insulated and water resistant.
3. With our superior welded frame, **we can supply up to 1" thick insulated glass units** or insulated panels as needed for the project.

