

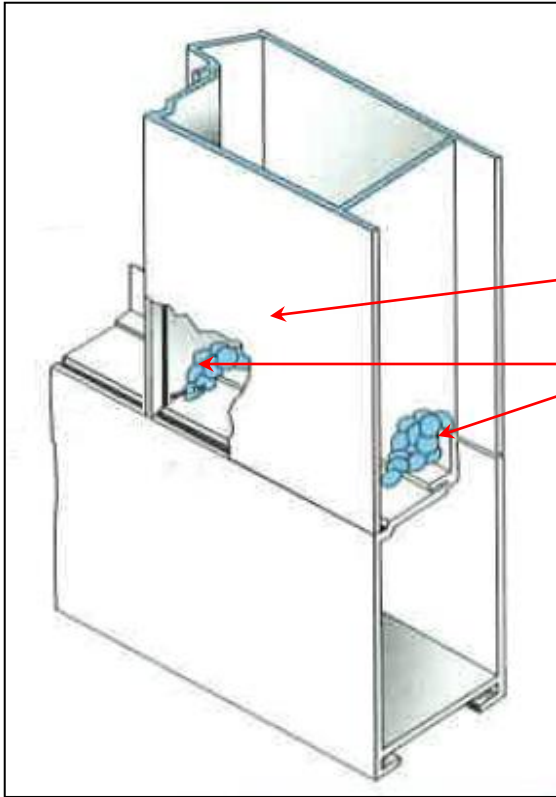


# ARM-R-LITE Door Manufacturing Co., Inc.

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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.

