**CONSTRUCTION TYPES**

of metal garage doors

1 wall NO insulation
- One sheet of steel.

1 wall WITH insulation
- One sheet of steel, usually insulated with a panel of polystyrene, possibly protected with a layer of styrene.

2 walls WITH polystyrene insulation
- Two sheets of steel insulated with a panel of polystyrene.

2 walls WITH polyurethane insulation
- Two sheets of steel or aluminum insulated with polyurethane foam.

**POLYSTYRENE**

- Material used to make coffee cups
- It's cut to fit the interior of door sections, but it doesn't completely fill all the small spaces.
- It provides a lower thermal resistance R-value than polyurethane.

**POLYURETHANE**

- Liquid insulation that expands and hardens when injected
- It fills all the interior spaces in the door.
- It adheres to the door walls which doubles the resistance to flexion compared to polystyrene.
- It provides better insulation and allows more energy savings than polystyrene.

Garaga, a Canadian family-owned and operated company for over 30 years, is the largest manufacturer of garage doors (residential, commercial and industrial) in Canada.

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