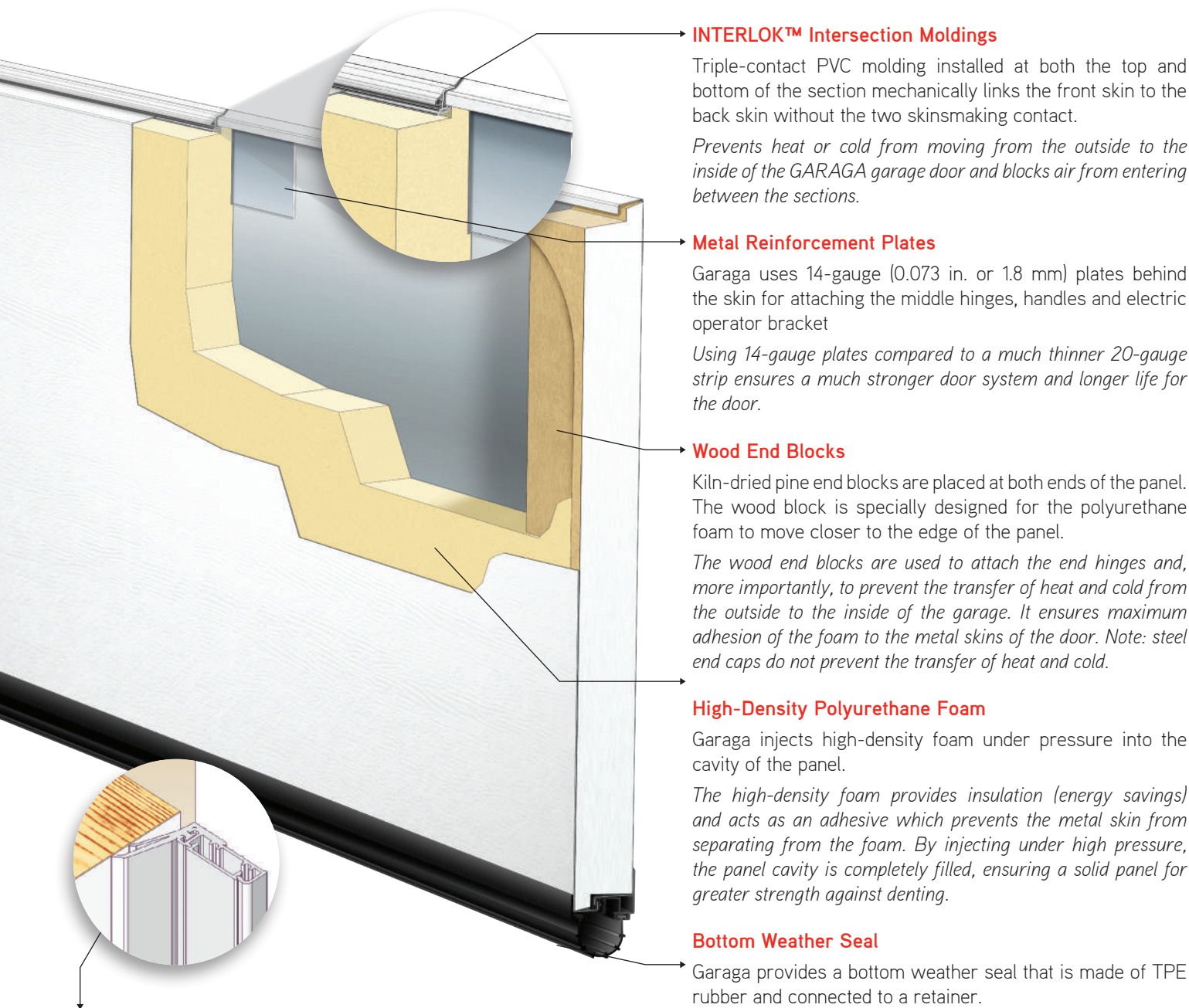


## The Garaga Insulated Panel

The advertised R-value of a garage door means very little if the door does not have a complete thermal break system and a proper weather seal system around all four sides of the door and between the door sections.

Here are features of Garaga polyurethane-injected doors:



### **INTERLOK™ Intersection Moldings**

Triple-contact PVC molding installed at both the top and bottom of the section mechanically links the front skin to the back skin without the two skins making contact.

*Prevents heat or cold from moving from the outside to the inside of the GARAGA garage door and blocks air from entering between the sections.*

### **Metal Reinforcement Plates**

Garaga uses 14-gauge (0.073 in. or 1.8 mm) plates behind the skin for attaching the middle hinges, handles and electric operator bracket

*Using 14-gauge plates compared to a much thinner 20-gauge strip ensures a much stronger door system and longer life for the door.*

### **Wood End Blocks**

Kiln-dried pine end blocks are placed at both ends of the panel. The wood block is specially designed for the polyurethane foam to move closer to the edge of the panel.

*The wood end blocks are used to attach the end hinges and, more importantly, to prevent the transfer of heat and cold from the outside to the inside of the garage. It ensures maximum adhesion of the foam to the metal skins of the door. Note: steel end caps do not prevent the transfer of heat and cold.*

### **High-Density Polyurethane Foam**

Garaga injects high-density foam under pressure into the cavity of the panel.

*The high-density foam provides insulation (energy savings) and acts as an adhesive which prevents the metal skin from separating from the foam. By injecting under high pressure, the panel cavity is completely filled, ensuring a solid panel for greater strength against denting.*

### **Bottom Weather Seal**

Garaga provides a bottom weather seal that is made of TPE rubber and connected to a retainer.

*As Garaga's bottom weather seal is made of rubber, it will remain flexible down to -52° C or -62° F compared to vinyl which will get harder in cold weather and not provide a complete seal.*

### **THERMABLOK™ Double Lip Perimeter Weather Seal**

The retainer with screw cover is made of PVC. The double lip rubber seal attaches to the retainer for residential doors.

*The double lip PVC seal overlaps the door by 1.5 inch (38 mm) and remains flexible during cold weather to ensure the cold stays on the outside of the garage. The PVC retainer with screw cover conceals the screws, ensuring a professional appearance.*