

# ACCESSORY PRODUCTS



To minimize air infiltration and humidity transfer, ensure that the REFLECTING INSULATION is not punctured and the insulation system is waterproof. All holes and junctions between two insulation materials must be sealed with RESISTO ADHESIVE TAPE or with a suitable mastic:

<ul style="list-style-type: none"> <li>2 in × 30 ft (5.1 cm × 9.1 m)</li> <li>2 in × 150 ft (5.1 cm × 45.7 m)</li> <li>3 in × 150 ft (7.6 cm × 45.7 m)</li> </ul>	ALUMINUM ADHESIVE TAPE
<ul style="list-style-type: none"> <li>2 in × 150 ft (5.1 cm × 45.7 m)</li> </ul>	METALLIZED ADHESIVE TAPE



Moreover, the use of SPACER STRIPS is highly advised. They create an air space between the REFLECTING INSULATION and the surface to be insulated to easily obtain maximum insulating value at a low price.

## APPLICABLE STANDARDS\*

RESISTO REFLECTIVE INSULATION PRODUCTS ARE TESTED ACCORDING TO THE FOLLOWING STANDARDS:

- **ASTM C1224:** Standard Specification for Reflective Insulation for Building Applications
- **ASTM C1363:** Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus
- **ASTM C518:** Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

ACCORDING TO ASTM C1224 AND C1363, THE R-VALUES FOR RESISTO REFLECTIVE INSULATION ARE THE FOLLOWING\*:

- Up heat flow direction: R-5
- Down heat flow direction: R-10.34
- Horizontal heat flow direction: R-6.7
- The material itself has an R-0.98 value (with no air gap)

*\*This is according to hot box testing where the material is installed in an enclosure with an air gap between the substrates. This test was conducted with M2M material.*

### \*IMPORTANT NOTES:

RESISTO HIGH-PERFORMANCE REFLECTIVE INSULATION is not a fire retardant (like drywall). However, the ASTM E84 test gives it a Class A rating for retarding flame spread and smoke development, both for the reflective facer and for the white polyethylene side. These results meet most building code standards for insulation products. MIM and MIV products have also been tested according to CAN/ULC-S102 standard.

For more information on our reflective insulation products or to learn more about their installation, visit [www.resisto.ca](http://www.resisto.ca).

