

## Installation guide

### R4 Insulation Sheeting



Ideal for all eco-friendly energy efficient constructions.

#### Transportation of SONOclimat® ECO4.

Make sure tie-downs are placed on protective corners to prevent damage to SONOclimat® ECO4 during transportation.

#### Storage of SONOclimat® ECO4 pallets

Make sure SONOclimat® ECO4 pallets are stored in a dry area, protected from the elements.

Keep SONOclimat® ECO4 panels in their original packaging, a flat, well-drained surface and protect them from adverse weather conditions.

#### Installation of panels on studs, wall application

Make sure structural elements conform to current building standards. Have any non-conformity assessed by a construction professional.

When installing SONOclimat® ECO4 panels, the panel joint should be placed at the center of the studs, spaced at 16 in. o.c. or 24 in. o.c. Make sure vertical and horizontal joints as well as cut-out sections are properly supported.

Fasten SONOclimat® ECO4 panels using nails 3 1/4" in length and 0.120" in diameter or more, respecting the nailing pattern recommended by MSL, starting from the center of the panel.

Install an air barrier as per section 9.25.3 (sealing air system) of the 2005 building code, or following manufacturer's recommendations.

The weather barrier must offer water vapor permeability equal to or higher than the SONOclimat ECO4 panels, i.e. more than 20 perms or 1140 ng/s m<sup>2</sup> Pa. (Check the manufacturer's data before installing the membrane.)

Install furring strips 1 "x 3 " using the nail a length of 4" or more. Follow the siding manufacturer's recommendations. To maintain all the benefits of the product, we recommend that you install the siding within a reasonable time.

#### The nailing pattern recommended by MSL :

- Perimeter: to 6 inches o.c.
- Field: 12 inch o.c. max.

\*\* The nails shall not be less than 3/8" from the edge of the SONOclimat® ECO4 panel.

This quote is valid for Part 9 ( Housing and Small Buildings ) of the 2005 Building Code. SONOclimat® ECO4 respects all the features of the new standard in energy efficiency .

\*\* Refer to section 9.4 . ( Structural Requirements ) of the 2005 Building Code for additional information on structural strength and adding reinforcement.