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# Installation Manual NAILBASE PANELS





# NAILBASE SIPs Installation Manual

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#### **1. General Requirements**

#### 1.1 Scope

The basic design and construction requirements for the Thermapan Nailbase retrofit panel system is set forth in this specification.

Criteria for materials, environmental control, design loads, and structural design are included. Where requirements are based on internationally recognized standards and specifications, these standards and specifications are referenced without elaboration.

# Installers shall reference engineering design package for fastening arrangements.

#### 2. Materials

- 2.1 The Thermapan Nailbase SIP is composed of an expanded polystyrene (EPS) foam core laminated on one side with a layer of oriented strand board (OSB) with a structural adhesive.
- 2.2 Framing Lumber shall be DOC PS 20 or NLGA No.2 or better.
- 2.3 SIP screws shall conform to ICC-AC233.
- **2.4** Polyethylene (Poly) Sheathing shall conform to CAN/CGSB-37.2, CAN/CGSB-37.16, or ASTM D 4397.
- **2.5** Low expansion foam seal shall conform to AAMA 812-04.
- **2.6** Sill seal gasket is a flexible polyethylene foam gasketing strip that can help reduce air infiltration between a concrete or masonry surface and a lumber plate.













































