



City of Seattle
Department of Planning & Development

2006 SBC Code Solution

Sec. 1203.2
Structural Insulated Panel Systems
Release Date: **April 10, 2009**

The following interpretation, policy or code alternate is intended to provide guidance to staff for consistency of review and is subject to change without notice. Application of this interpretation, policy or code alternate to specific projects may vary.

Code Issue:

Are structural insulated panel (SIP) systems, a.k.a. sandwich panels, allowed to be used in roof assemblies without providing a 1-inch airspace above the insulation?

Interpretation:

Yes, under the following conditions:

- The product has an ICC ES approval verifying its structural and insulation properties.
- The product has an insulation value of at least R-38 for residential buildings. Commercial buildings must comply with the Energy Code insulation values.
- The owner is informed to take special care to maintain their roof covering systems to prevent moisture damage to the SIP system.

If you have questions about whether this code solution applies to your project:

- If you have submitted a permit application, contact the Building Code plan reviewer assigned to your application
- If you have not submitted an application, contact DPD Building Code Technical Support at 206-684-4630 or in person at the Applicant Services Center. Visit the Applicant Services Center website for more information about hours and location http://www.seattle.gov/dpd/Permits/Process_Overview/Location_Hours/default.asp



Construction Review & Inspection Quality

Jonathan Siu, Principal Engineer