



Generated by REScheck-Web Software Compliance Certificate

Project Ballantyne Residence

Energy Code: **2009 IECC**
Location: **Portland, Maine**
Construction Type: **Single-family**
Project Type: **New Construction**
Orientation: **Bldg. faces 180 deg. from North**
Conditioned Floor Area: **2,100 ft2**
Glazing Area: **20%**
Climate Zone: **6 (7378 HDD)**
Permit Date:
Permit Number:

Construction Site:

Owner/Agent:

Designer/Contractor:

Compliance: Passes using UA trade-off

Compliance: **31.4% Better Than Code** Maximum UA: **369** Your UA: **253**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling: Flat Ceiling or Scissor Truss	2,100	49.0	49.0	0.011	23
Wall: Wood Frame, 16" o.c. Orientation: Unspecified	1,960	19.0	19.0	0.027	41
Door: Solid Door (under 50% glazing) Orientation: Unspecified	49			0.320	16
Door: Glass Door (over 50% glazing) Orientation: Unspecified	45			0.320	14
Window: Vinyl Frame Orientation: Unspecified	342			0.280	96
Basement: Insulated Concrete Forms Orientation: Unspecified Wall height: 7.5' Depth below grade: 7.0' Insulation depth: 7.5'	1,470		19.0	0.043	63

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2009 IECC requirements in REScheck Version : REScheck-Web and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title

Signature

Date