

2x6 with R19 Batt Insulation, R2 Insulated Siding Conventional Framing

COMPONENTS

R-VALUES

Insulated Siding		2.0
Min. 7/16 Performance Category Wood Structural Panels		0.62
Cavity Insulation (R19 compressed fiberglass batts)		18
5-1/2" Framing – Conventional	21% framing + 4% headers = 25% framing factor	6.88
5-1/2" Headers – Conventional		6.88
Air films and 1/2" Drywall		1.38
Net Effective R-Value of the Total Solid Wall		17.52
Total Wall U-Factor		0.057

(a) 25% framing factor is calculated using studs at 16" o.c. with no advanced framing techniques (no reduction in framing percentage). See page 7 for additional information. This assembly is subject to verification and approval by the local authority having jurisdiction.

