

2x6 with R21 Batt Insulation, Headers, Advanced Framing

COMPONENTS	R-VALUES
Wood/Vinyl Siding	0.59
Min. 7/16 Performance Category Wood Structural Panels	0.62
Cavity Insulation (R21 high density fiberglass batts, or equivalent)	21
5-1/2" Framing	6.88
5-1/2" Insulated Headers	13.8 ^(b)
Air films and 1/2" Drywall	1.38
Net Effective R-Value of the Total Solid Wall	19.24
Total Wall U-Factor	0.052

(a) 18% framing factor is calculated using studs at 24" o.c. (framing factor = 22%) with a combination of insulated corners, insulated interior-exterior wall intersections and limited cripple supports at door and window openings (4% reduction in framing percentage). See page 7 for additional information. This assembly is subject to verification and approval by the local authority having jurisdiction.

(b) R13.8 represents a double-ply header consisting of 3" of wood and 2-1/2" of minimum R4/inch insulation, as shown in Table 2.

