

AFP 1.6E Short Span Header (1500F_b - 160F_v - 650F_{c⊥})

Features & Advantages

BUILT-UP LUMBER SUBSTITUTE
FULL 3-1/2" WIDTH—NO SHIMMING
LIMITED LIFETIME WARRANTY

SURFACE SEALED FOR STABILITY
CONSISTENT QUALITY & UNIFORMITY
ONE PIECE INSTALLATION—SAVE \$\$

APPEARANCE GRADE: FRAMING GRADE

Design Values 1.6 Header

Combination	AFP 1.6 Header
MOE	1.6 x 10 ⁶ psi
F _b	1500 psi
F _v	150 psi
F _{c⊥}	650 psi



Allowable Design Stresses and Properties (100% Load Duration)

Standard Depths (in.)	4 1/8	5 1/2	7	7 1/4	9 1/2	11 1/4	11 7/8
Weight (lbs./lineal ft.)	3.6	4.8	6.1	6.3	8.3	9.8	10.4
C _{db} factor (L=21')	1	1	1	1	1	1	1
I (in ⁴)	20	49	100	111	250	415	488
Moment Capacity (lbs-ft)	1241	2206	3573	3833	6581	9229	10282
Shear Capacity (lbs)	1444	1925	2450	2538	3325	3938	4156

Notes:

1. Header weight based on 36 pcf.
2. Moment Capacities are based on span up to 16'.
3. Flexural Stress, F_b, shall be modified by Volume Factor, C_v, as outlined in APA Y-117 Design and in the 2001 National Design Specifications (NDS) for Wood Construction.
4. Allowable design properties and load capacities are based on dry use conditions.