



2600fb 2.0E LVL vs IJC X-Beam Comparison by Published Load Values for Floor Load LFD=1.0

2-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5
XBeam	3.5 x 6	3.5 x 6	3.5 x 6	3.5 x 6
LVL	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25
XBeam	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5
LVL	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5
XBeam	3.5 x 9.5	-	-	-
LVL	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875
XBeam	3.5 x 11.875	-	-	-
LVL	3.5 x 14	3.5 x 14	3.5 x 14	3.5 x 14
XBeam	3.5 x 14	3.5 x 14	3.5 x 14	-

3-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5
XBeam	5.5 x 6	5.5 x 6	5.5 x 6	5.5 x 6
LVL	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25
XBeam	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5
LVL	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5
XBeam	5.5 x 9.5	-	-	-
LVL	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875
XBeam	5.5 x 11.875	5.5 x 11.875	-	-
LVL	5.25 x 14	5.25 x 14	5.25 x 14	5.25 x 14
XBeam	5.5 x 14	5.5 x 14	5.5 x 14	-

2600fb 2.0E LVL vs IJC X-Beam Comparison by Published Load Values for Roof Snow Load LFD = 1.15

2-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5
XBeam	3.5 x 6	3.5 x 6	3.5 x 6	3.5 x 6
LVL	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25
XBeam	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5
LVL	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5
XBeam	3.5 x 9.5	-	-	-
LVL	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875
XBeam	3.5 x 11.875	3.5 x 11.875	-	-
LVL	3.5 x 14	3.5 x 14	3.5 x 14	3.5 x 14
XBeam	3.5 x 14	3.5 x 14	3.5 x 14	-

3-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5
XBeam	5.5 x 6	5.5 x 6	5.5 x 6	5.5 x 6
LVL	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25
XBeam	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5
LVL	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5
XBeam	5.5 x 9.5	-	-	-
LVL	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875
XBeam	5.5 x 11.875	5.5 x 11.875	-	-
LVL	5.25 x 14	5.25 x 14	5.25 x 14	5.25 x 14
XBeam	5.5 x 14	5.5 x 14	5.5 x 14	-

2600fb 2.0E LVL vs IJC X-Beam Comparison by Published Load Values for Roof Non-Snow Load LFD = 1.25

2-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5	3.5 x 5.5
XBeam	3.5 x 6	3.5 x 6	3.5 x 6	3.5 x 6
LVL	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25	3.5 x 7.25
XBeam	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5	3.5 x 7.5
LVL	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5	3.5 x 9.5
XBeam	3.5 x 9.5	-	-	-
LVL	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875	3.5 x 11.875
XBeam	3.5 x 11.875	3.5 x 11.875	-	-
LVL	3.5 x 14	3.5 x 14	3.5 x 14	3.5 x 14
XBeam	3.5 x 14	3.5 x 14	3.5 x 14	-

3-PLY LVL vs IJC X-Beam

Material	Span			
	6'	8'	10'	12'
LVL	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5	5.25 x 5.5
XBeam	5.5 x 6	5.5 x 6	5.5 x 6	5.5 x 6
LVL	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25	5.25 x 7.25
XBeam	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5	5.5 x 7.5
LVL	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5	5.25 x 9.5
XBeam	5.5 x 9.5	-	-	-
LVL	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875	5.5 x 11.875
XBeam	5.5 x 11.875	5.5 x 11.875	-	-
LVL	5.25 x 14	5.25 x 14	5.25 x 14	5.25 x 14
XBeam	5.5 x 14	5.5 x 14	5.5 x 14	-

Based on APA published total load limits by span.