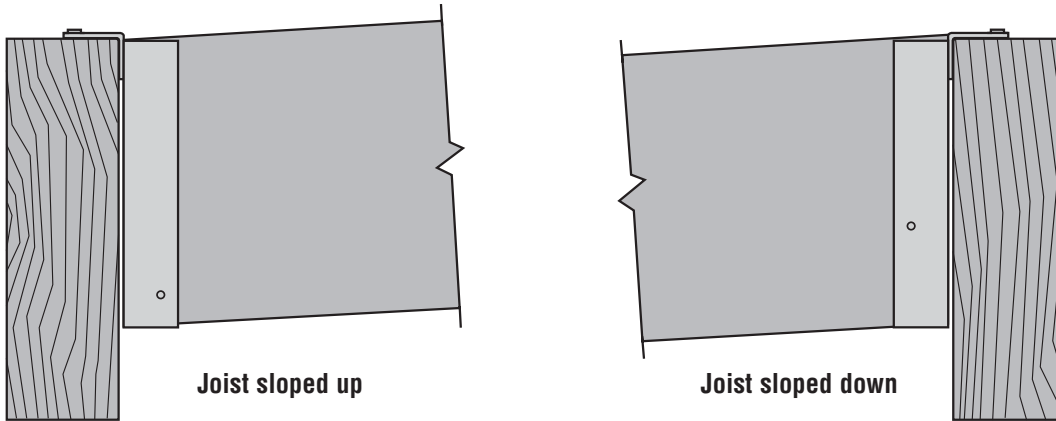


## SLOPED JOIST IN NON-SLOPED HANGERS

When using a non-sloped joist hanger to support a sloped joist, hanger performance may be reduced.

- Joists sloped 1/4:12 or less are acceptable in non-sloped joist hangers.
- Joists sloped greater than 1/4:12 and up to 3/4:12 require the use of a reduction factor. See table below.
- Plumb cut joist ends for all slopes.



Sloped Joist Reduction Factors (in non-sloped hangers)			
Joist Sloped	Hanger Series		
	Welded Series	B Series	I-Joist Series
	W, WM, WMU, WP, WNP, WPU, WNPU, HW, HWU	LBV, B, HB, BA	ITS, ITT, MIT, HIT, IUT, IUS, MIU
Slope < 1/4:12	1.0	1.0	1.0
1/4:12 < Slope ≤ 1/2:12	0.85	0.90	0.90
1/2:12 < Slope ≤ 3/4:12	0.85	Use Sloped Hanger <sup>3</sup>	
Slope > 3/4:12	Use Sloped Hanger <sup>3</sup>		Use Sloped Hanger <sup>3</sup>

1. See current *Wood Construction Connectors* catalog for allowable loads.
2. Designer is responsible for confirming the use of sloped joists with non-sloped hangers.
3. See Hanger Options in current *Wood Construction Connectors* catalog for additional information.