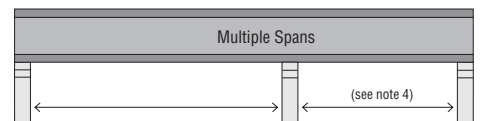
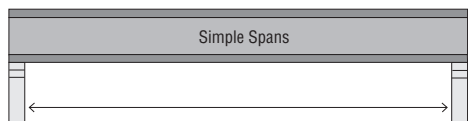


WI AND GPI SERIES JOISTS—RESIDENTIAL FLOOR SPAN CHARTS

Span Illustrations



40 PSF Live Load + 10 PSF Dead Load

Improved Performance⁽¹⁾ (L/480)

Joist	Joist Depth	Spacing (Simple Span)				Spacing (Multiple Span)				PRI 400 Depth & Series
		12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	
40 Series WI or GPI	9½"	18'-00"	16'-06"	15'-07"	14'-01"	19'-07"	17'-02"	15'-08"	14'-00"	9½" PRI 40
	11⅞"	21'-06"	19'-07"	18'-02"	16'-03"	23'-00"	19'-11"	18'-02"	16'-02"	11⅞" PRI 40
	14"	24'-04"	22'-01"	20'-02"	18'-00"	25'-06"	22'-01"	20'-01"	18'-00"	14" PRI 40
60 Series WI or GPI	9½"	19'-00"	17'-04"	16'-04"	15'-04"	20'-08"	18'-10"	17'-09"	16'-05"	9½" PRI 60
	11⅞"	22'-08"	20'-08"	19'-06"	18'-03"	24'-08"	22'-06"	21'-02"	19'-01"	11⅞" PRI 60
	14"	25'-09"	23'-06"	22'-02"	20'-09"	28'-01"	25'-07"	23'-08"	19'-09"	14" PRI 60
	16"	28'-07"	26'-01"	24'-07"	23'-00"	31'-02"	28'-01"	24'-09"	19'-09"	16" PRI 60
**80 Series WI Only	11⅞"	24'-11"	22'-08"	21'-04"	19'-11"	27'-01"	24'-08"	23'-03"	21'-08"	11⅞" PRI 80
	14"	28'-03"	25'-09"	24'-03"	22'-08"	30'-10"	28'-00"	26'-05"	23'-11"	14" PRI 80
	16"	31'-04"	28'-06"	26'-11"	25'-01"	34'-02"	31'-01"	29'-03"	23'-11"	16" PRI 80

40 PSF Live Load + 20 PSF Dead Load

Improved Performance⁽¹⁾ (L/480)

Joist	Joist Depth	Spacing (Simple Span)				Spacing (Multiple Span)				PRI 400 Depth & Series
		12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	
40 Series WI or GPI	9½"	18'-00"	15'-09"	14'-04"	12'-10"	18'-01"	15'-08"	14'-03"	12'-09"	9½" PRI 40
	11⅞"	21'-00"	18'-02"	16'-07"	14'-10"	21'-00"	18'-02"	16'-06"	14'-09"	11⅞" PRI 40
	14"	23'-04"	20'-02"	18'-05"	16'-05"	23'-03"	20'-01"	18'-04"	16'-04"	14" PRI 40
60 Series WI or GPI	9½"	19'-00"	17'-04"	16'-04"	15'-01"	20'-08"	18'-05"	16'-09"	14'-02"	9½" PRI 60
	11⅞"	22'-08"	20'-08"	19'-06"	17'-05"	24'-08"	21'-04"	19'-05"	16'-05"	11⅞" PRI 60
	14"	25'-09"	23'-06"	21'-08"	19'-04"	27'-04"	23'-08"	20'-07"	16'-05"	14" PRI 60
	16"	28'-07"	25'-09"	23'-06"	19'-10"	29'-08"	24'-09"	20'-07"	16'-05"	16" PRI 60
**80 Series WI Only	11⅞"	24'-11"	22'-08"	21'-04"	19'-11"	27'-01"	24'-08"	22'-09"	18'-02"	11⅞" PRI 80
	14"	28'-03"	25'-09"	24'-03"	21'-02"	30'-10"	28'-00"	24'-11"	19'-11"	14" PRI 80
	16"	31'-04"	28'-06"	26'-06"	21'-02"	34'-02"	30'-00"	24'-11"	19'-11"	16" PRI 80

**There is no GPI 80 Series Joist.