



FLOOR JOIST SPANS

(Residential sleeping & living areas)
IRC 2018

Hem-fir #2:

JOIST	SPACING	30psf + 10psf	40psf + 10psf
2x8	12"	14'-6"	13'-2"
	16"	13'-2"	12'-0"
2x10	12"	18'-6"	16'-10"
	16"	16'-10"	15'-2"
2x12	12"	22'-6"	20'-4"
	16"	19'-8"	17'-7"

Southern pine #2:

JOIST	SPACING	30psf + 10psf	40psf + 10psf
2x8	12"	14'-11"	13'-6"
	16"	13'-3"	11'-10"
2x10	12"	18'-1"	16'-2"
	16"	15'-8"	14'-0"
2x12	12"	21'-4"	19'-1"
	16"	18'-6"	16'-6"

Spruce-pine-fir #2:

JOIST	SPACING	30psf + 10psf	40psf + 10psf
2x8	12"	14'-11"	13'-6"
	16"	13'-6"	12'-3"
2x10	12"	19'-0"	17'-3"
	16"	17'-2"	15'-5"
2x12	12"	23'-0"	20'-7"
	16"	19'-11"	17'-10"