



# SpaceJoist Span Table



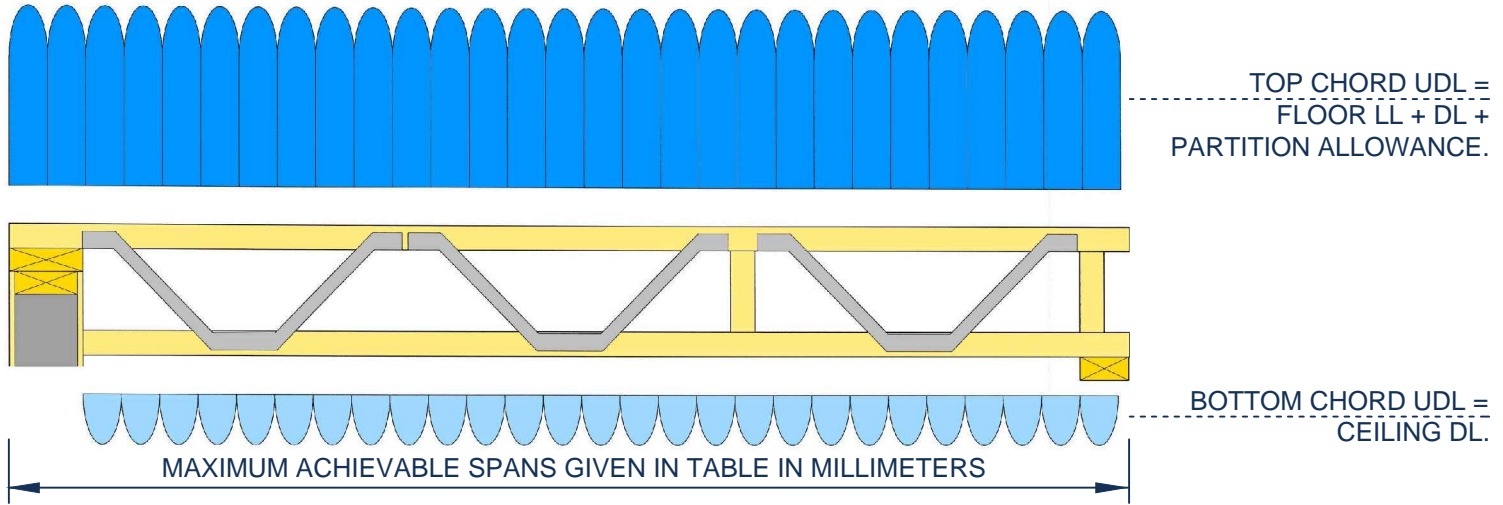
CATG-SIP-401



# SPACEJOIST SPAN TABLE

THE SPAN TABLE BELOW IS TO BE USED AS A GUIDE ONLY FOR THE GIVEN JOIST DEPTH & JOIST SPACING. THE GUIDE SHOULD BE USED FOR ESTIMATING OR FEASIBILITY PURPOSES ONLY.

THE TABLE IS NOT SUITABLE FOR USE AS A DESIGN TOOL. PLEASE CONSULT OUR JOIST DESIGN TEAM FOR DESIGN ASSISTANCE, (JOIST DESIGN TEAM, TEL: 01592 631636, JOISTS@SIPSECO.CO.UK).



(NOTE: LL = LIVE LOAD, DL = DEAD LOAD).



Design Criteria	Timber Size	47 x 72				47 x 97				47 x 122			
	Joist Centres	400		600		400		600		400		600	
	Loading	Domestic Loading	Office Loading	Domestic Loading	Office Loading	Domestic Loading	Office Loading	Domestic Loading	Office Loading	Domestic Loading	Office Loading	Domestic Loading	Office Loading
Joist Depths	219	4940	4140	4430	3550	5300	4520	4850	3780	5590	4840	5180	4020
	254	5430	4770	5100	3800	5820	5220	5580	4400	6150	5580	5900	4800
	304	5900	5240	5660	4170	6330	5680	6050	4750	6680	6050	6400	5050
	375	6560	5850	5840	4560	6920	6700	6150	5320	7220	7200	6370	6100
	425	6600	6050	6300	4900	7100	7150	6750	6050	7500	7750	7100	6600

(USING GN ROOF VERSION 2015, DEFLECTIONS GOVERNED BY EC5 VIBRATION CHECK).

**NOTE:**

DOMESTIC FLOOR LOADING ALLOWS FOR 0.45kN/m<sup>2</sup> FINISH DEAD LOAD AND 0.2kN/m<sup>2</sup> CEILING DEAD LOAD + DOMESTIC LIVE LOAD = 1.5kN/m<sup>2</sup>.

OFFICE FLOOR LOADING ALLOWS FOR 1.2kN/m<sup>2</sup> FINISH DEAD LOAD AND 0.2kN/m<sup>2</sup> CEILING FINISH DEAD LOAD + OFFICE LIVE LOAD = 2.5kN/m<sup>2</sup>.

ALL SPANS ALLOW FOR A GLOBAL LIGHTWEIGHT PARTITION ALLOWANCE.