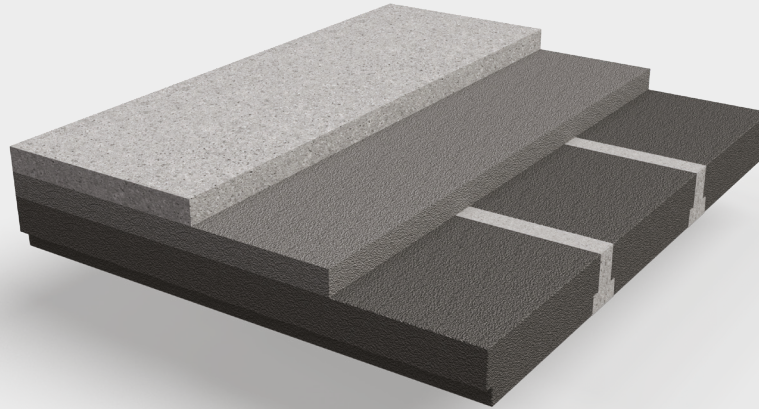


# JETFLOOR - LOAD-SPAN TABLES

## Technical Datasheet

Based on floor finishes of 70mm thick concrete topping having minimum strength class RC25/30 reinforced with either polypropylene fibres, steel fibres or steel reinforcement mesh on insulating sheet material of minimum compressive strength 130kN/m<sup>2</sup>.



				SPANS INDICATED BELOW ALLOW FOR CHARACTERISTIC IMPOSED LOAD PLUS SELF WEIGHT PLUS 1.68kN/M <sup>2</sup> FOR FINISHES					
BISON REF	BEAM SIZE (MM)	EFFECTIVE BEAM CENTRES (MM)	SLAB SELF WEIGHT KN/M <sup>2</sup>	CHARACTERISTIC IMPOSED LOAD KN/M <sup>2</sup>					
				1.5	2.0	2.5	3	4	5
				Clear span (mm)					
NJB1	150 x 125	610	0.56	4.45	4.20	3.95	3.75	Contact Bison Precast with specific requirements	
NJB2	150 x 125	515	0.66	4.80	4.50	4.25	4.05		
NJB3	150 x 125	420	0.80	5.25	4.90	4.65	4.45		
NJR1	150 x 215	700	0.94	5.75	5.45	5.15	4.90		
NJR2	150 x 215	605	1.08	6.10	5.75	5.45	5.20		
NJR3	150 x 215	510	1.27	6.50	6.15	5.85	5.60		
NJT1	225 x 135	620	0.97	6.95	6.60	6.25	5.95		
NJT2	225 x 135	525	1.14	7.45	7.05	6.70	6.40		
NJT3	225 x 135	430	1.38	7.80	7.60	7.25	6.90		
<p>Where 'X' equals effective beam centre</p>				$\psi_0=0.7$	$\psi_1=0.5$	$\psi_2=0.3$	$\psi_0=0.7$	$\psi_1=0.7$	$\psi_2=0.6$
				Category A/B - Domestic, residential / office areas				Category C/D - Congregation, areas / shopping	
FLOOR CATEGORY OF USE (FROM BS EN 1991-1-1:2002). USED FOR DETERMINING THE COMBINATION OF ACTIONS FACTORS									

**BISON PRECAST**