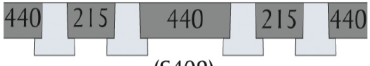
TTconcrete PRODUCTS LIMITED

LOAD SPAN CHART USING 150mm BEAM

150mm PRESTRESSED CONCRETE FLOOR BEAM

APPLICATION (Condition)	Block Infill Density	*MAXIMUM EFFECTIVE SPAN IN METRES Super Imposed Load kN/m2 1.5	2	2.5	3	4	5	Garage with 75mm Reinforced Screed
(S521)	650	4.630	4.484	4.350	4.228	4.011	3.777	4.298
	1350	4.310	4.191	4.081	3.979	3.795	3.625	3.993
	1900	4.100	3.996	3.900	3.810	3.648	3.504	3.796
 (S409)	650	5.137	4.981	4.838	4.707	4.473	4.230	4.648
	1350	4.811	4.681	4.562	4.451	4.251	4.072	4.355
	1900	4.593	4.480	4.375	4.276	4.097	3.939	4.161
(S296)	650	5.851	5.685	5.532	5.390	5.136	4.892	5.107
	1350	5.532	5.391	5.259	5.137	4.915	4.720	4.843
	1900	5.315	5.189	5.071	4.961	4.760	4.582	4.663
(D656)	650	5.525	5.370	5.226	5.094	4.855	4.628	5.175
	1350	5.248	5.114	4.989	4.873	4.663	4.477	4.909
	1900	5.057	4.936	4.824	4.718	4.526	4.355	4.727
(D544)	650	5.932	5.772	5.625	5.488	5.242	5.021	5.460
	1350	5.675	5.534	5.404	5.282	5.061	4.865	5.223
	1900	5.494	5.366	5.247	5.135	4.931	4.749	5.057
(D431)	650	6.000*	6.000*	6.000*	5.989	5.735	5.511	5.800
	1350	6.000*	6.000*	5.940	5.812	5.579	5.371	5.609
	1900	6.000*	5.930	5.802	5.683	5.464	5.269	5.472
(T566)	650	6.000*	6.000*	6.000*	6.000*	5.986	5.762	6.000*
	1350	6.000*	6.000*	6.000*	6.000*	5.866	5.655	6.000*
	1900	6.000*	6.000*	6.000*	6.000*	5.777	5.575	6.000*