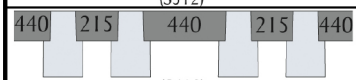
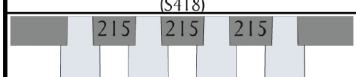
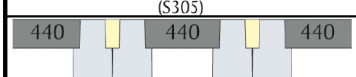
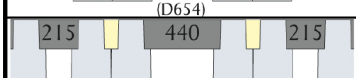
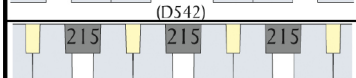
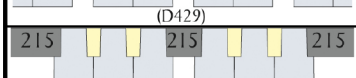
TTconcrete
PRODUCTS LIMITED

LOAD SPAN CHART USING 225mm BEAM

225mm PRESTRESSED CONCRETE FLOOR BEAM

APPLICATION (Condition)	Density	*MAXIMUM EFFECTIVE SPAN IN METRES						
		Super Imposed Load kN/m2						Garage with 75mm Reinforced Screed
		1.5	2	2.5	3	4	5	
(S512)	650	6.932	6.739	6.561	6.396	6.100	5.786	6.631
	1350	6.507	6.346	6.196	6.056	5.803	5.571	6.255
	1900	6.222	6.080	5.948	5.824	5.597	5.394	6.000
 (S418)	650	7.585	7.387	7.203	7.033	6.724	6.420	7.275
	1350	7.168	6.999	6.842	6.695	6.427	6.188	6.904
	1900	6.884	6.734	6.593	6.461	6.219	6.001	6.649
 (S305)	650	8.000*	8.000*	8.000*	7.902	7.585	7.303	8.000*
	1350	8.000*	7.903	7.740	7.586	7.303	7.050	7.678
	1900	7.809	7.651	7.502	7.362	7.102	6.868	7.418
 (D654)	650	8.000*	7.864	7.684	7.516	7.210	6.938	7.755
	1350	7.715	7.545	7.386	7.236	6.961	6.715	7.448
	1900	7.475	7.320	7.173	7.036	6.782	6.554	7.231
 (D542)	650	8.000*	8.000*	8.000*	8.000*	7.698	7.423	8.000*
	1350	8.000*	8.000*	7.904	7.752	7.471	7.219	7.968
	1900	8.000*	7.860	7.710	7.568	7.306	7.070	7.769
 (D429)	650	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*
	1350	8.000*	8.000*	8.000*	8.000*	8.000*	7.855	8.000*
	1900	8.000*	8.000*	8.000*	8.000*	7.972	7.728	8.000*
 (T796)	650	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*
	1350	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*
	1900	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*	8.000*