First St Block D - Approx maxiumum saturated weights

Resin	**Depth (mm)**	**Weight per slab (KG)**	**Weight per M2 (KG)**	**Tonne weight (KG) per/m3**	**KG/m2**	**KN/m2**	**Total area/m2**	**96.00**
Resin bound aggregate	20		72.50	3625.00	72.50	0.73		
2-6mm gravel bedding	150			1800.00	270.00	2.70		
2-6mm gravel Inside drainage composite	15			1800.00	27.00	0.27		
Drainage composite	40				15.00	0.15	**Total KG**	**Total KN**
	Total				**384.50**	**3.8450**	**36912**	**369.12**
Clay paving	**Depth (mm)**	**Weight per slab (KG)**	**Weight per M2 (KG)**	**Tonne weight (KG) per/m3**	**KG/m2**	**KN/m2**	**Total area/m2**	**43.30**
Clay paving	80	3.27	163.50	2043.75	163.50	1.64		
2-6mm gravel bedding	150			1800.00	270.00	2.70		
2-6mm gravel Inside drainage composite	15			1800.00	27.00	0.27		
Drainage composite	40				15.00	0.15	**Total KG**	**Total KN**
	Total				**475.50**	**4.7550**	**20589.15**	**205.8915**
Planters	**Girth/size (mm)**	**Weight per m2/unit**	**Weight per lm (KG)**	**Tonne weight (KG) per/m3**	**KG/lm**	**KN/lm**	**Total area/lm**	**279.30**
Powder coated planters	725	23.55	17.07	23.55	17.07	0.17		
Concrete block	100	19	44		44.00	0.44	**Total KG**	**Total KN**
	Total				**61.07**	**0.6107**	**17057.89838**	**170.5789838**
ACO Building Drainage								
ACO Building Drainage 1m length	50	4.2	32.31	646.15	32.31	0.32	**Total area/lm**	**5.00**
Pedestals	100	0.58	14.87	148.72	14.87	0.15		
Underneath Aco								
Ballast	50	40		1800.00	90.00	0.90	**Total KG**	**Total KN**
	Total				**137.18**	**1.3718**	**685.8974359**	**6.858974359**
Vitrified Decking	**Depth (mm)**	**Weight per board/Joist (KG)**	**Weight per M2 (KG)**	**Tonne weight (KG) per/m3**	**KG/m2**	**KN/m2**	**Total area/m2**	**88.10**
Vitrified Decking Boards - 1219mm	26	8.9	49.67	1910.27	49.67	0.50		
Aluminium Joists - 3.6M	50	2.7	2.50	50.00	2.50	0.03		
Pedestals	35	0.41	3.16	90.39	3.16	0.03		
Underneath decking								
Ballast	50	40		1800.00	90.00	0.90	**Total KG**	**Total KN**
	Total				**145.33**	**1.4533**	**12803.63458**	**128.0363458**
Planting/greenroof	**Depth (mm)**	**Tonne weight (KG) per/m3**	**KG/m2**	**KN/m2**			**Total area/m2**	**778.50**
Plants			10.00	0.10				
Growing Medium	700	1600	1120.00	11.20				
Drainage composite	40		15.00	0.15			**Total KG**	**Total KN**
	Total		**1145.00**	**11.45**			**891382.5**	**8913.825**
Trees				* Trees add approx 800kgs point load to total	**KG/m2**	**KN/m2**	**Total Trees**	**18**
					800	**8.00**		
							Total KG	**Total KN**
							14400	**144**
Lawn	**Depth (mm)**	**Tonne weight (KG) per/m3**	**KG/m2**	**KN/m2**			**Total area/m2**	**87.20**
Grass	30		20.00	0.20				
Growing Medium	400	1600	640.00	6.40				
Drainage composite	40		15.00	0.15				
	Total		**675.00**	**6.75**			**Total KG**	**Total KN**
							58860	**588.6**