The below Technical Data Sheet give the maximum amount of stored water in the system (IE the difference between the dry and saturated states of the system). It is however important to point out that the dry state would mean that all the vegetation was dead and had completely dried out. The DSE 40 drainage board will hold 13.5 l/m2 which is then available to be taken up by the plants.

Roof Area	SQM Green	Ave Substrate Depth (Biodiverse Sub)	Saturated weight	Dry Weight	Difference	Water within DSE 40	Maximum Water held	Total water held per roof area (litres)
A1	75	100	112	85	27	13.5	40.5	3037.5
A2	70	120	134	102	32	13.5	45.5	3185
A3	50	150	168	123	45	13.5	58.5	2925
A4	40	100	112	85	27	13.5	40.5	1620
B1	45	100	112	85	27	13.5	40.5	1822.5
B2	45	100	112	85	27	13.5	40.5	1822.5
B4	100	130	145	110	35	13.5	48.5	4850
B5	75	120	134	102	32	13.5	45.5	3412.5
								22675

The second table therefore also show a "damp" state which would show the amount the roof could hold and release through normal rain events.

Roof Area	SQM Green	Ave Substrate Depth (Biodiverse Sub)	Saturated weight	Damp Weight	Difference	Water within DSE 40	Available water held	Total water held per roof area (litres)
A1	75	100	112	95	17	13.5	30.5	2287.5
A2	70	120	134	114	20	13.5	33.5	2345
A3	50	150	168	143	25	13.5	38.5	1925
A4	40	100	112	95	17	13.5	30.5	1220
B1	45	100	112	95	17	13.5	30.5	1372.5
B2	45	100	112	95	17	13.5	30.5	1372.5
B4	100	130	145	124	21	13.5	34.5	3450
B5	75	120	134	114	20	13.5	33.5	2512.5
								16485

The total amount of water the green roof can attenuate is also dependant on the state of the roof prior to any rain event, clearly if there is heavy rain today, then there is less capacity for the roof to absorb rain tomorrow. The CIRIA SUDS guide does suggest that a green roof will absorb the first 5mm of most rain events.