



MINERAL WOOL GREEN ROOF

Over Conventional Roofing Assembly

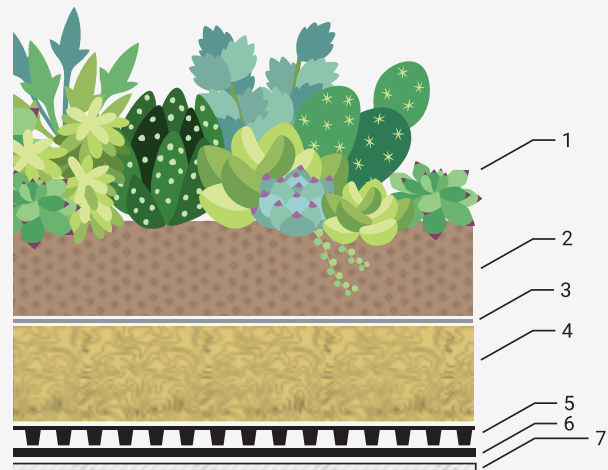


ecospaces +M Green Roof Systems

System	Mineral Wool Depth	Soil Depth	Total System Depth	Max Retention Storage Volume ASTM E2399		Dry Weight ASTM E2399	Saturated Weight (Max Dead Load) ASTM E2399
				gallons/sf	inches		
2.5 +M	1"	1.5"	2.5"	1.2	1.93	+/- 10 lbs/sf	+/- 20 lbs/sf
3 +Ma	1"	2"	3"	1.4	2.25	+/- 12 lbs/sf	+/- 24 lbs/sf
3 +Mb	2"	1"	3"	1.6	2.57	+/- 9 lbs/sf	+/- 22 lbs/sf
4 +Ma	2"	2"	4"	1.9	3.05	+/- 13 lbs/sf	+/- 30 lbs/sf
4 +Mb	1"	3"	4"	1.7	2.73	+/- 16 lbs/sf	+/- 30 lbs/sf
6 +Ma	2"	4"	6"	2.5	4.01	+/- 22 lbs/sf	+/- 43 lbs/sf
6 +Mb	3"	3"	6"	2.8	4.49	+/- 18 lbs/sf	+/- 42 lbs/sf
8 +Ma	2"	6"	8"	3.1	4.97	+/- 30 lbs/sf	+/- 57 lbs/sf
8 +Mb	3"	5"	8"	3.5	5.45	+/- 27 lbs/sf	+/- 55 lbs/sf

Green Roof Details

1. Plants: Sedum plugs (75-95% coverage), sedum mats (95% coverage), or other intensive plantings (75-95% coverage)
2. Soil Media: Engineered lightweight soil mix
3. Filter Fabric: Polypropylene non-woven filter fabric
4. Water Retention Layer: Mineral Wool
5. Drainage: Rolled matrix drainage system
6. Protection Layer: 45 Mil EPDM slip sheet
7. Waterproofing Membrane: TPO, EPDM, or other conventional roofing assembly (provided by others)



NOT TO SCALE

*OVERALL DEPTH WILL INCLUDE AN ADDITIONAL 1/4 INCH FOR THE DRAINAGE SYSTEM AND A 1/2 INCH OR MORE FOR SEDUM MATS OR INTENSIVE PLANTINGS.

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