



STORMWATER SYSTEMS

STORMWATER ROOFS

Hybrid Blue / Green Roof

URBANSTRONG

Our Hybrid Blue / Green Roof System offers a vegetated roofing option that maximizes stormwater retention by collecting and storing stormwater in a subterranean reservoir to mitigate runoff impacts or for reuse as irrigation.

We offer both root barrier and non-root barrier systems, based on whether your vegetative roof's waterproof membrane is root resistant or not.

The components of the system are as follows:



- [HG 6400] Sedum Tile
- [HG 4110] 3" Extensive Growth Media
- [HG 3710] Extensive Filter Fleece
- [HG 3920] Extensive Aluminum Edge
- [HG 3651] 1.1" Blue Roof SDD Board (double stacked)
- [HG 3310] Extensive Protective Fleece
- [HG 3220] 20 Mil Root Barrier (as required)
- [HG 3100] Waterproofing
- [HG 3110] Conductive Medium (as required)



*Graphics provided as a relative comparison between roof systems and does not show actual values for price, water storage, or weight.

TECHNICAL DATA

*Calculations performed using ASTM Standard E2397-11. Actual system weight and water storage capacity may vary.

System Type:

- Monolithic / Contiguous / Extensive

Total Saturated Weight:

- 179.42 kg / m²
- 36.75 lbs. / ft²

Total Water Storage Capacity:

- 4.61 in³ / in²
- 2.87 gallons / ft²

Total System Depth:

- 6.56 in.

Roof Pitch:

- 0 - 5°

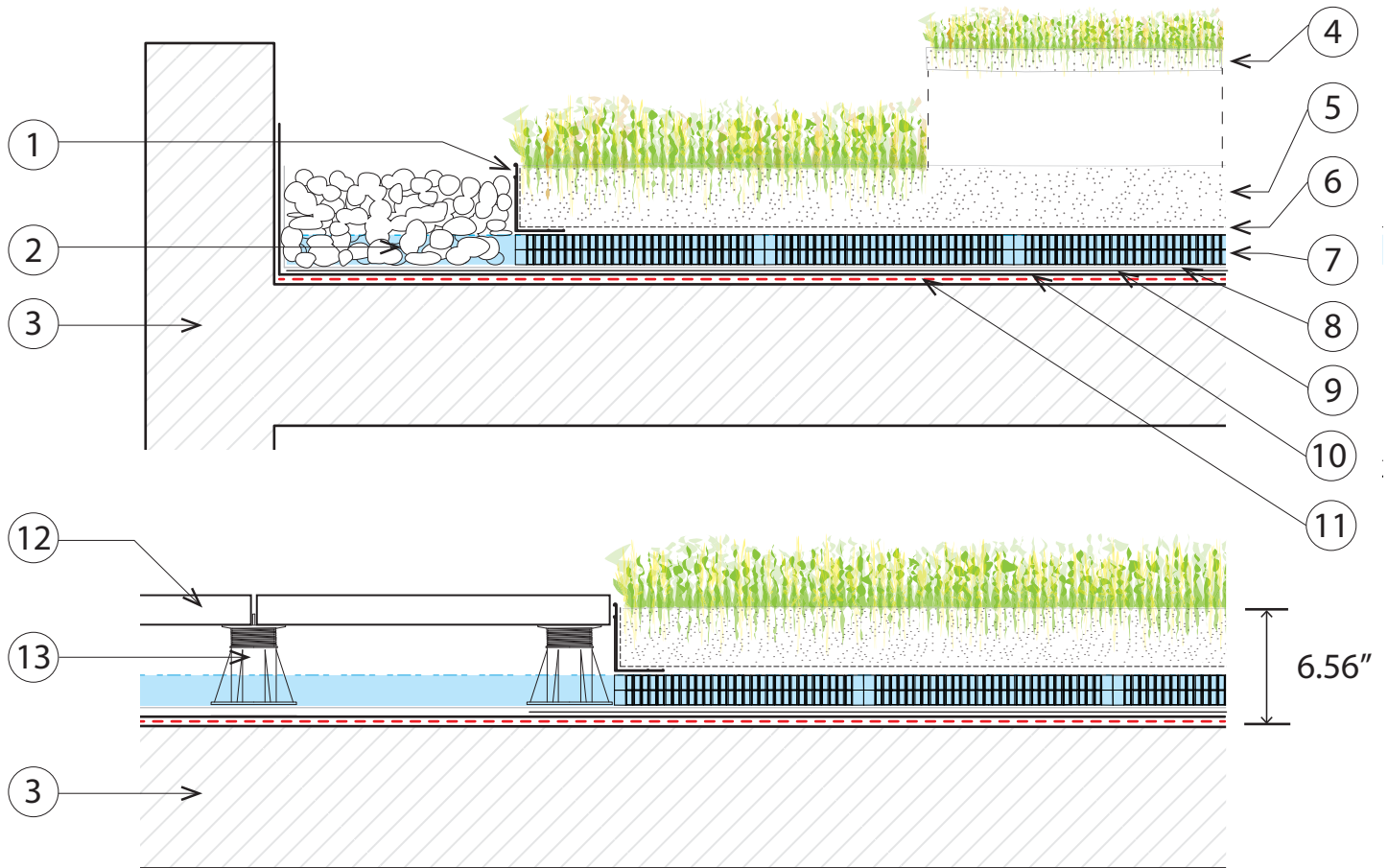
Irrigation Requirements:

- On establishment
- Permanent system recommended for lush conditions

Maintenance Level:

- Low

Refer to specific product datasheets for material information



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| ① [HG 3920] ALUMINUM EDGING | ⑧ [HG 3310] PROTECTIVE FLEECE |
| ② [OTHERS] BALLAST STONE | ⑨ [HG 3220] ROOT BARRIER |
| ③ PARAPET/EDGE & ROOF DECKING | ⑩ [HG 3100] WATERPROOFING |
| ④ [HG 6400] SEDUM TILE | ⑪ [HG 3110] CONDUCTIVE MEDIUM |
| ⑤ [HG 4110] GROWTH MEDIA | ⑫ [HG 5300] PEDESTAL PAVERS |
| ⑥ [HG 3710] FILTER FLEECE | ⑬ [HG 5100] PAVER PEDESTALS |
| ⑦ [HG 3651] 1.1" BLUE ROOF SDD BOARD (DOUBLE STACKED) | |

*DRAWING EXPLODED SLIGHTLY TO SHOW DETAIL