

Green Roof Layer Structure

① Plants

Plants are selected for their shallow root systems, regenerative qualities, resistance to drought, frost and wind

② 1/2" layer of Carlisle Growth Media

A special blend of soils for roof gardening. Designed to be light, retain soil moisture, and reduce soil compaction

③ Enkamat 7020

Geogrid fabric used to reduce soil erosion on steep slopes

④ MiraDrain G4

Engineered specifically for green roofs, this product filters soil, retains moisture, and increases drainage

⑤ 1/8" Rubber Mat

The single piece of rubber provides a solid layer of waterproofing

⑥ Ice and Water Shield

Roofing material made of a rubberized asphalt mixture. When nails penetrate the ice and water shield, the material creates a gasket effect on the shaft of the nail keeping the roof from leaking

⑦ 1/2" Oriented Strand Board (OSB)

Structurally engineered wood panel used as the foundation for roofing materials

