







VEGETATIVE ROOFS

86M

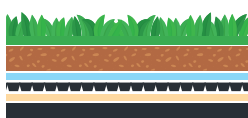
million square meters of
green roofs in Germany

Top Benefits of Vegetative Roofs

	Storm Water Management/Filtration
	Cleaner Air
	Roof Protection
	Noise Reduction
	Cooler
	More Energy Efficient
	Better Life Quality

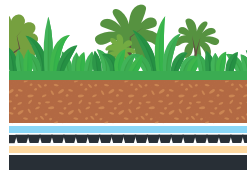
VEGETATIVE ROOFS

Three Basic Types



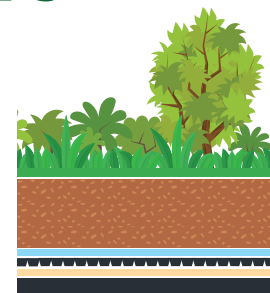
EXTENSIVE

- Up to 42 lbs./sq. saturated
- 3-6" soil depth
- Grasses and sedums
- Least expensive
- Low maintenance
- Not for public use



SEMI-INTENSIVE

- Up to 84 lbs./ sq. ft. saturated
- 6-12" soil depth
- Greater plant selection
- Stores storm water
- Irrigation common
- Used by people



INTENSIVE

- Up to 84 lbs./ sq. ft. saturated
- 12"+ soil depth
- Open plant selection
- Mimics natural systems (roof garden)
- More maintenance
- Requires irrigation

Green Roof Assembly

Vegetation

Growing Media (Soil)

Drainage Layer

Water-retention Layer

Root Barrier

Waterproof Membrane

Structural Deck

