

# LIVING WALLS

## Benefits

- ✓ Added Insulation / Reduced Energy Costs
- ✓ Reduced Heat Island Effect
- ✓ Reduced Stormwater Runoff – quantity
- ✓ Improved Stormwater Runoff – quality
- ✓ Increased Biodiversity / Increased Habitat
- ✓ Improved Air Quality
- ✓ Noise Reduction
- ✓ Green Statement / Marketing Opportunity
- ✓ Psychological Value / Improved Health & Well-being
- ✓ Urban Agriculture
- ✓ On-site Wastewater (greywater) Treatment
- ✓ LEED Credits
- ✓ Crime Prevention Thru Environmental Design
  - Reduced Graffiti

## Construction Types

- Pre-Vegetated Modular Panels (irrigation, soil, drainage)
- Outdoor and Indoor (Air Filter)
- Systems – Waterproof Membrane, Root Barrier, Drainage, Irrigation, Filter, “Growing Medium”, Plants

## Considerations

- Support Structure
- Water supply & Irrigation
- Growing medium and drainage
- Plant Selection
- Cost (\$60 -100/ sq foot)
- Incentives:
  - Reduced Stormwater Fees
  - Marketing Opportunity
- Maintenance



*Photos are for illustration and are not projects of everGREEN*

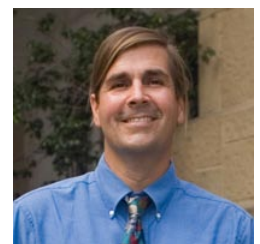
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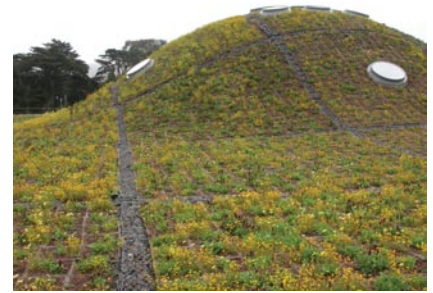


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GREEN ROOF & LIVING WALL SPECIALIST

# GREEN ROOFS

## Benefits

- ✓ Roof lasts up to 50 years
- ✓ Added Insulation / Reduced Energy Costs
- ✓ Reduced Heat Island Effect
- ✓ Reduced Stormwater Runoff – quantity, less flooding
- ✓ Improved Stormwater Runoff – quality, cleaner waterways
- ✓ Reduced Development Footprint / Increased Habitat / Reduced Environmental Impact / Increased Biodiversity
- ✓ Improved Air Quality
- ✓ Noise Reduction
- ✓ Urban Agriculture
- ✓ Reduced Fire Risk
- ✓ Psychological Value / Improved Health & Well-being
- ✓ Increased Property Values / Lower Tenant Turnover
- ✓ Green Statement / Marketing Opportunity
- ✓ LEED Credits (contributes up to 15)



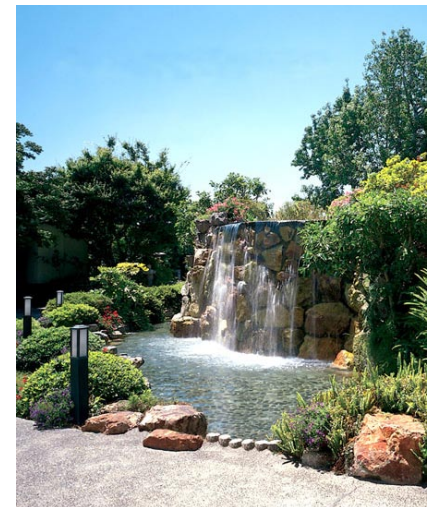
## Construction

- Types
  - Intensive (6"+) 80-150lbs per sq foot,
  - Extensive (1-4") 15-50 lbs per sq foot
  - Semi-Intensive (4-6") 50-80 lbs per sq foot
- Layers: Waterproof Membrane, Root Barrier, Drainage, Irrigation, Filter Mat, "Growing Medium", Plants
- OR Pre-Vegetated Modular Panels



## Considerations

- Structural Component
- Water Supply & Irrigation
- Growing Medium and Drainage
- Plant Selection
- Cost
  - Intensive: \$15 – 25+ / sq. foot
  - Extensive: \$5 – 20 / sq. foot
- Incentives
  - Rebates / Grants
  - Increased Floor Area Ratio (additional bldg sq. footage)
  - Reduced HVAC Equipment & Ducting)
  - Reduced Stormwater Fees
- Maintenance



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