

Inner West Design Checklist for Green Roofs, Walls and Facades

Below are some important considerations to think about when designing a green roof, wall or facade.

Consider the structural engineering:

- Existing and proposed structures including any retaining walls and planter boxes
- Has the structure been designed to support the green roof, wall or facade?

Consider waterproofing:

- Has waterproofing been considered for the green roof, green wall or façade?
- Think about drainage, irrigation and overflow provisions

Consider the soil and plants:

- The proposed growing medium (soil types and depth) and mulch
- The location, species and numbers of plants likely to be used

Consider the long-term maintenance:

- Strategy for any leaks or weaknesses in the membrane
- Watering in dry periods (if an irrigation system has not been connected to a water supply)
- Removal of weeds
- Light fertilization with slow release complete fertilizers
- Replacement of dead plants

Consider safety and access:

- Safety features such as balustrades and maintenance hooks (if applicable)
- The parts of the green roof that are accessible and inaccessible
- How the green wall or facade is attached or fastened to the wall