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Taskers Residential Apartments

Project Location

Fremantle, Western Australia
Australia

Atlantis Application

Vertical Garden

Project Overview

Completed in 2016, the Taskers Residential Apartments project incorporated a vertical garden at the corner of the development's undercover car parking facility. During the design stage, this corner consisted of an exposed concrete wall, and a green wall was proposed to improve its visual integration with the residential development.

Atlantis Aurora designed the vertical garden and developed the design concepts for the client. The completed installation covers 40 m² (430 square foot) and incorporates 700 plants, transforming the concrete corner into a planted architectural feature within the undercover parking area.

Technical Summary

Project	Taskers Residential Apartments
Location	Fremantle, Western Australia, Australia
Application	Vertical Garden
Completion	2016
Size	40 m²
Surface Use	Outdoor Garden
Atlantis System	Gro-Wall® 4.5

Design Challenge

The Taskers Residential Apartments included an undercover car parking facility with a prominent concrete wall at one corner. During the design stage, this exposed concrete element was identified as visually unappealing within the residential setting, creating a requirement to integrate planting into the built form and improve the treatment of the corner.

The proposed vertical garden needed to transform this existing architectural element into a planted feature while responding to the geometry of the car park corner. The project ultimately required a 40 m² vertical garden incorporating 700 plants, making plant coverage and integration with the corner condition central to the design.

01 Integrate a vertical garden into the corner of the undercover car parking facility.

02 Improve the appearance of the existing concrete wall.

03 Improve the appearance of the existing concrete wall.

04 Incorporate 700 plants within the completed installation.

05 Develop the vertical garden as an architectural feature within the residential development.

Solution

Atlantis Aurora designed the green wall and developed the design concepts for the client. The resulting vertical garden was integrated around the corner of the undercover car parking facility, providing 40 m² (430 square foot) of planted wall area.

The installation incorporated 700 plants across the vertical garden structure. The completed planted surface transformed the previously exposed concrete corner into a vertical landscape feature associated with the residential apartments.

Benefits

- 40 m² (430 square foot) of vertical garden incorporated into the development.
- 700 plants integrated within the vertical garden.
- Existing concrete corner converted into a planted architectural feature.
- Vertical planting integrated directly with the undercover car parking facility.
- Green wall design developed specifically for the Taskers Residential Apartments project.

Considerations

The project required installation of the vertical garden structure at the corner of the undercover parking facility, followed by planting of the vertical garden during construction.

The completed system incorporated 700 plants across a total area of 40 m² (430 square foot). No module quantities, fixing details, irrigation configuration, structural loading information or installation dimensions are specified.

Project Outcomes

- 40 m² (430 square foot) vertical garden completed at Taskers Residential Apartments.
- 700 plants incorporated within the finished vertical garden.
- Existing concrete corner transformed into a planted feature within the residential development.
- Vertical garden integrated with the corner of the undercover car parking facility.
- Installation completed in 2016.

The defining project condition was the integration of a 40 m² planted surface around an existing car park corner, converting a prominent concrete element into a vertical garden containing 700 plants. The design linked the vertical planting directly with the geometry and architectural treatment of the undercover parking facility.

Did You Know?

The Taskers Residential Apartments vertical garden incorporates 700 plants across 40 m² (430 square foot) of planted wall area.













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Thank You For Your Attention



Contact Us

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