



NET ZERO
carbon

AFRICA
South Africa
NEXUS

Level 1: Building Emissions (modelled)

- Including 0% Offset purchased



Validity: 2022-04 to 2025-04



NEXUS

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Building Emissions (modelled)

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Nexus at Waterfall is located in Waterfall City, Johannesburg . This building forms part of the NEXUS precinct together with the Courtyard Hotel and two other buildings positioned in landscaped site on a share basement. Located between the Mall of Africa, Maxwell Office Park and other prominent office buildings like Novartis Head Office. South of this site is Ellipse residential development that will upon completion host four residential towers.

Sustainable building features include:

- Savings related to energy consumption equal 146/m²/annum or 985 646 per annum. Energy sub meters are present to accurately monitor energy consumption.
- The building has a 200 kW Solar photovoltaic systems. The annual production is 368 MWh. The Energy and water data is presented on a live display in the building reception to inform occupants of how the building is performing.
- Ventilation meets fresh air standards set by SANS required for buildings in South Africa. A vrf system is installed in the building and a BMS system monitors and controls the AC systems for certain areas.

PROJECT TEAM:

OWNER

Attacq

ACCREDITED PROFESSIONAL

Solid Green Consulting

ARCHITECT

LYT Architects

ELECTRICAL ENGINEER

Sutherland
Claassen Auret

FIRE ENGINEER

Sutherland

LIFT SPECIALIST

Kone

MECHANICAL ENGINEER

Sutherland and Adaptive
Resource Engineers

SUSTAINABLE BUILDING CONSULTANT

Solid Green Consulting

WET SERVICES

Spoomakers & Partners

RENEWABLES

Anes