



STANDARD BANK ROSEBANK

Baker Street, Rosebank, Johannesburg, SA



5 Star Green Star SA - Office v1 Design Rating

Achieved in July 2012

Standard Bank Rosebank is located in Johannesburg opposite the Rosebank Gautrain station. The project comprises of a 10 level office building with 5 underground levels of parking.

Below the offices, there are five levels of basement parking and it also houses the tri-generation plant, a key component to the sustainability of the building reducing its contribution to greenhouse gases a considerable amount.

The site was previously built on 75% and it was considered as contaminated at the time of purchase. It has since been decontaminated prior to construction and confirmed as non-hazardous for human health.

Sustainable building features include:

- Tri-generation plant, constructed that substantially reduces the greenhouse gas emissions associated with operational building consumption.
- 53,7% of the timber used in the project has been Forest Stewardship Council Certified. This means that the timber used in Standard Bank Rosebank is sourced from a sustainable forest.
- All the reinforcing steel used in the building has a post-consumer recycled content of 90%.
- Over 70% of the total PVC content by cost was reduced through replacement of alternative materials.
- In order to maximise energy saving, a DALI (Digital Addressable Lighting Interface) system is installed.

PROJECT TEAM:

DEVELOPERS
Standard Bank South Africa

ARCHITECT
Grosskopf Lombart
Huybrechts Architects

CIVIL/ STRUCTURAL ENGINEERS
Pure Consulting

ELECTRICAL ENGINEER
Claasen Auret Incorporated

FIRE CONSULTANT
Specialised Fire Technologies

LANDSCAPE ARCHITECT
Insite Group

MECHANICAL ENGINEER
Adaptive Resources Engineers

PROJECT MANAGER
Orion Project Managers

QUANTITY SURVEYOR
Norval Wentzel Steinberg
Quantity Surveyors

TRANSPORT ENGINEERS
ARUP

SUSTAINABLE DESIGN CONSULTANT
WSP Green By Design

WET SERVICES
GK Pereira Plumbing Design Consultants

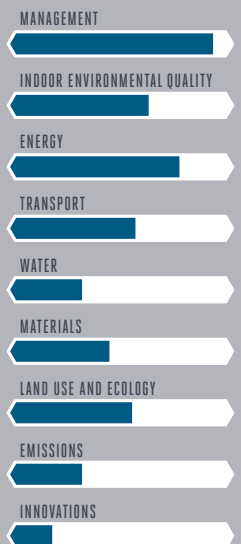
CONTRACTOR
WBHO Construction

ACOUSTIC ENGINEER
Pro Acoustic Consortium

TOTAL POINTS:

60

POINTS ALLOCATION:



PROJECT FLOOR AREAS:

TOTAL GROSS FLOOR AREA (GFA):

74 244 m²

TOTAL COMMERCIAL OFFICE AREA:

64 521 m²

CAR PARKING AREA:

- m²