



102 RIVONIA RD

102 Rivonia Road, Sandton, Johannesburg, SA



4 Star Green Star SA - Office v1 Design Rating

Achieved in January 2014

102 Rivonia consist of 2 tower blocks, connected on floors 2-7. Ernest and Young occupy Tower Block 1 (7 floors), portions of the linkages on floors 2-6 and the 7th floor of Tower Block 2. The remaining floors of Tower Block 2 are speculative. At the time of Design submission, no tenant had been identified for remaining office space.

Sustainable building features include:

- An air cooled chiller system will be installed therefore no portable water will be required for cooling.
- The fire water system will recirculate test water preventing wastage. Isolation valves will be installed on each floor to allow floor by floor drain downs.
- The absolute quantity of all Portland cement will be reduced by 30% for in-situ concrete.
- 60% of all the reinforcing steel has been specified to have a minimum post-consumer recycled content of 90%. In addition 90% of all the steel in the project is specified to have a post-consumer recycled steel content of 60%.
- There are no evaporative cooling towers or other evaporative cooling systems serving the building, the potential threat to Legionnaires disease is negated.

PROJECT TEAM:

OWNER
ERIS Property Group Billy Forssman

GREEN STAR SA ACCREDITED PROFESSIONAL
WSP Group Africa

PROJECT MANAGER
SIP Project Manager

ARCHITECT
Boogertman

STRUCTURAL/CIVIL ENGINEER
Aurecon

MECHANICAL ENGINEER
Spoormaker

ELECTRICAL ENGINEER
WSP Group Africa

WET SERVICES ENGINEER
Izazi

FIRE SYSTEMS ENGINEER
SFT

QUANTITY SURVEYOR
BWR

ACOUSTIC CONSULTANT
Pro-acoustics

LANDSCAPING CONSULTANT
Insite

BUILDING SURVEYOR
NA

MAIN CONTRACTOR
Concor (formally Murray & Roberts Buildings)

TOTAL POINTS:

49

POINTS ALLOCATION:



PROJECT FLOOR AREAS:

TOTAL GROSS FLOOR AREA (GFA): **40 718 m²**

TOTAL COMMERCIAL OFFICE AREA: **40 718 m²**

CAR PARKING AREA: **126 286 m²**