

Sasol Five Storey Offices and Laboratories



Client: Sasol Research and Development

Location: Sasolburg

Date: October 2011

Value: R116 Million

The project comprises a five-storey building, 50% occupied by offices and 50% occupied by laboratories, linked to existing buildings, parking and landscaping.

The structure comprised of five lift and stairwell concrete shafts. The structure of the building was made up of off shutter tapered columns and all suspended slab areas rib and block. The façade comprises of a small quantity of face brick and the remainder is technical aluminium shop fronts and windows. The office portion of the building on each floor is divided into two corridors constructed of aluminium shopfronts and divided by drywall to create the offices. The HVAC system works off a 38 bar steam line that runs through the Sasol 1 plant and steam is drawn off to run the HVAC. All the lights are imported and operate on sensors, there are no light switches in the building. The laboratories are equipped with LP gas lines, nitrogen, steam, compressed air and plant air.