

# CASE STUDY



**OLADAPO PROJECT -**  
Banana Island, Ikoyi

**TYPE OF CONSTRUCTION:**  
Residential Apartments

**OWNER:**  
Oladapo

**ARCHITECT:**  
Si.SA

**CONSULTANTS:**  
KOA Consultants

**CONTRACTORS:**  
Orritech Nigeria Limited

“I once had an experience of restricted water flow in another project with PPR after installation. With Flowguard, there is no such flow restriction.”

- Olayinka - Project Engineer, Orritech

## OLADAPO PROJECT

### Project Overview

Banana Island, Ikoyi is the most affluent area of Lagos, Nigeria. There is a culture of high standards and prestige which define the region. Contractors Orritech Nigeria were tasked with the delivery of a new build project involving a five storey luxury residential apartment and office building, consisting of 14 rooms, eight kitchens and 32 toilet facilities.



### Challenges

Based on Orritech's previous experiences on similar projects, it was important to be able to manage the cost of pipe material effectively, as CPVC can be more expensive than PPR. The pipe must also not sacrifice quality during installation and be capable of supporting a professional, high quality finish to be incorporated into the structures' affluent designs.

### Why FlowGuard® CPVC?

FlowGuard CPVC's installation maintains healthy water flow from within the pipe network, never compromising on performance quality thanks to its smooth, consistent jointing process PPR in comparison is always at a disadvantage, as heat welding creates a beading within the pipe, restricting flow.

Its installation also requires no power supply, which is especially important in an area known for regular power outages.

FlowGuard CPVC can also be extruded in a variety of sizes thanks to its high performance under varying temperatures and pressures, allowing for flexible design options that do not hinder the structure's professional look.



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