

CASE STUDY



PROJECT EDEN

TYPE OF CONSTRUCTION:
New Project

ARCHITECT:
Seth Stein Architect / MOE + Architects

CONSULTANTS:
Artelier Ten / CA Consultants)

CONTRACTORS:
Mabstar

PROJECT EDEN



Project Overview

Project Eden is a new build project, in which Mabstar were tasked with delivering a luxury residential building in one of Nigeria's most affluent areas.

The ambition for Project Eden was to have a major positive impact on the local community; to create employment opportunities for local residents, to increase the local tax base and encourage entrepreneurship.

Challenges

The challenge was to implement a plumbing system that was worthy of such an affluent, ambitious project. This meant going beyond a good installation and healthy running water.

The ability to deliver hot or cold water at high pressures was essential for luxury appliances. The sound of the system was also taken into account; the noise of plumbing pipes can sometimes be a disturbance; the system for Project Eden had to be as physically quiet as possible.

Why FlowGuard® CPVC?

Consultants Artelier Ten and CA Consultants were quick to recommend FlowGuard CPVC, having had technical experience with the product. It was especially chosen for its tensile strength and high pressure bearing capacity, perfect for hot and cold temperatures.

The velocity of sound in FlowGuard CPVC and that in water is almost the same. This means the system is as quiet as physically possible. It is in fact four times quieter than metal plumbing systems, reducing not only the sound of running water, but also the pounding noise of the water hammer.

FlowGuard CPVC's strength and durability prolongs service life, even under aggressive conditions. Beyond its natural immunity to chlorine (a major advantage to installers everywhere), it is proven to resist low pH water, coastal salt air exposure and corrosive soils.

The pipework is also famously easy to install. There were no challenges faced when installing FlowGuard CPVC.

“Flowguard was very easy to install and highly durable.”

Engr. Haastrup Busuyi



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