

CASE STUDY



EBONYLIFE PLACE

Lagos, Nigeria

TYPE OF CONSTRUCTION:
New build

ARCHITECT:
Idesign

CONSULTANTS:
Consultants Collaborative Partnership (CCP)

CONTRACTORS:
CHARVET Nigeria Ltd
EMTECH
Am-Zak Technical Services
Krestal Laurel

“We have had problems in the past with pipework materials that we have used on projects like this one. FlowGuard CPVC is a new product for us, but it has proven to be one which met the client’s specifications and was easy to install. It is an impressive product, and I can confidently recommend it.”

— CCP Engineer Kolade

EBONYLIFE PLACE PROJECT SPECIFIES FLOWGUARD® CPVC PIPE AND FITTINGS

Project Overview

The Ebonylife place is a new build entertainment and leisure center in Victoria Island, Lagos. It will consist of five luxury cinemas, a boutique hotel and a multipurpose hall, and will also be equipped with bars, lounges, a restaurant and a swimming pool. It will be topped off with a roof deck.



Project Requirements

Given the quality of the local mains water, a decision was taken to install a treatment plant as part of the center. This would deliver treated, pH controlled water to all the facilities inside the development, and the hot and cold supplies would require around 400kg of piping. The project had to be delivered against a tight schedule and installation time was therefore limited.

In addition, there was little onsite storage space available.

The ability of FlowGuard CPVC pipework and fittings to withstand high pressure, hot water and chlorination, as well as its resistance to biofilm formation, were important factors in the decision to specify the product.

Advantages of Using FlowGuard

The main challenges to the engineers installing the pipework were the limited time available and the lack of storage facilities on site.

The installers were already familiar with CPVC materials, but onsite training was provided to both them and the project engineers in the use of FlowGuard CPVC. Given that they were able to work without using time-consuming and cumbersome electrical equipment, the installation was completed in a timely fashion. The FlowGuard team also verified the quality of the solvent cemented jointing work.

Regular deliveries of piping to the site were arranged to mitigate the problem of the lack of onsite storage.



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