

CASE STUDY



GT BANK HUB

TYPE OF CONSTRUCTION:
New build

OWNER:
GTCO

ARCHITECT:
Spacefinish

CONSULTANTS:
Lobcom Associates
Engineering (LAE)

CONTRACTORS:
Bashbayo Technical Services

GT BANK HUB

Project Overview

Construction on the GYT Bank Hub building began in early 2021. The hub is a commercial facility, being constructed to accommodate various organisations with office-style units. The units will also include two canteens and 24 toilet facilities, a large number of which will be ensuite.

Why FlowGuard® CPVC?

FlowGuard CPVC was chosen for its superior resistance as a thermoplastic. It is created using a free radical chlorination reaction, effectively increasing the chlorine content of the material and giving the pipework a natural immunity to chlorination and biofilm formation.

Challenges

The main challenges facing the installers is the design of the system itself. In order to maintain consistency with the facility's designs, a cleverly constructed route of pipework is going to be required, including concrete installation, in order to service all required areas. The plumbing system must also be capable of handling high pressure as well as hot and cold temperatures at all times.



This also gives FlowGuard CPVC a natural ability to perform under hot and cold conditions, up to 180°F. There are also no known compatibility problems with concrete burial, allowing the installers to route the pipework to the necessary areas as needed without compromising on system performance.

“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.”

BTS Samuel Olusola



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