

CASE STUDY



MEDICAL VILLAGE

Riyadh

TYPE OF CONSTRUCTION:
New Installation

OWNER:
Tatweer Holding Company

CONSULTANTS:
Saudi Architects

CONTRACTORS:
Saudi Lebanese Tarouk Contracting Company,
Shathri Contracting

STATUS:
Under Construction

“FlowGuard® CPVC ensured its share in the market because it is the ideal solution to all of the problems that we fear from. FlowGuard CPVC pipe is the kind of pipe which all engineers wish to deal with.”

– Eng. Mohamad Hamid, mechanical design engineer, Saudi Architects

THE MEDICAL VILLAGE

Project Overview

The Medical Village is a community consisting of eight hospital towers, ranging from 8 to 12 storeys in height and accommodating 120 to 150 beds each. The project aims to establish a community of well-being by promoting a warm and welcoming design that encourages a healing and healthy environment.

Also included in the design for the community:

- Education and Research buildings
- Office buildings
- Hotel tower
- Residential towers
- Central park
- Central mosque
- Underground parking

Challenges

When specifying pipe material for a project of this scale, one of the key considerations is maintenance. Eng. Mohamad Hamid, mechanical design engineer from Saudi Architects assigned to this project required piping that could sustain a high level of service without frequent maintenance and repairs.



Why FlowGuard® CPVC?

FlowGuard CPVC was chosen for its proven durability and reliability in water distribution, with a 55 year history of fault free installation. Due to the medical nature of the majority of the project's buildings, FlowGuard CPVC was also favoured for its ability to deliver water as cleanly as possible, minimising the risks of corrosion, and microbial contamination via biofilm.



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