



## Mulago Radiation Bunker – Uganda Cancer Institute Uganda



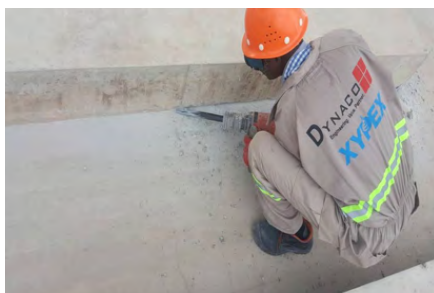
Architect  
**ARCHTECH CONSULTS  
(U) LTD**

Contractor  
**ROKO CONSTRUCTION  
LIMITED**

Owner  
**GOU - UGANDA CANCER  
INSTITUTE**

Products  
**PATCH'N PLUG,  
CONCENTRATE**

Project Type  
**GENERAL CONSTRUCTION -  
ROOF DECK**



The Mulago Radiation Bunker is a key infrastructure project for Uganda which is under construction by ROKO Construction Limited with funding from the Government of Uganda through its Uganda Cancer Institute. The bunker construction is very significant to the government of Uganda and as such consultancy services and reviews on the construction methodologies and the construction materials are frequently shared with the International Atomic Energy Research Institute (IAERI) for approvals.

The slabs ranged from 400 mm to 2.4 m thickness by design but due to developments of cracks began to leak. Through our local distributors, six pails of Xypex **Patch'n Plug** were used to treat all joints and cracks with 30 pails of Xypex **Concentrate** brush applied over the 740 m<sup>2</sup> of roof slab to a rate of approximately 1.0 kg/m<sup>2</sup>. All the cracks were sealed, leakages on the slab stopped and the bunkers waterproofed against water ingress.