

CASE STUDY

Concrete Roof Slab Waterproofing

FMDQ Headquarters, 35, Idowu Taylor Street, Victoria Island

BACKGROUND

The treatment of entire surface including weak spots and pipe penetrations as well as surface application on the entire surface area to stop water seepage into the building. A thick layer of screed was done on the concrete slab to prevent water from getting to the slab. Pipe penetration treatment was done for all protruding pipes that enter the slab and parapet wall. The roof gutter was leaking, and weak spots were identified on the slab for treatment.

SOLUTION

The Concrete Logistics team were contacted to provide a permanent waterproofing solution for the roof slab. The solution provided by the team include removal of a thick layer of screed and damaged felt membrane, specialized surface preparations and surface treatment using Krystol T1/T2 waterproofing systems, Pipe penetration points were treated using the dedicated Krystol pipe penetration system, treatment of weakspots and joints. This treatment is guaranteed to last the entire life of the concrete, which means no other forms of waterproofing (including bituminous felt) is required throughout the life of the concrete slab.

PROJECT

Roof Slab Repair & Protection

CLIENT:

FMDQ

DISTRIBUTOR/ APPLICATOR:

Concrete Logistics Limited

PRODUCTS & TECHNICAL

SPECIFICATION:

Bauer Monoflex

Krystol Pipe Penetration System

Krystol Crack Repair System

