



# ***SWIMMING POOL WATERPROOFING***

WATERPROOFING MEMBRANE (COSTAR 2K)





## COSTARCHEM'S WATERPROOFING MEMBRANE SYSTEM WAS USED TO WATERPROOF THE SWIMMING POOL OF 4000.85SQM AT EMPIRE COURT

### BACKGROUND

Costarchem were contracted to inspect a swimming pool construction at Ikoyi, Lagos. After inspection by team, waterproofing of the pool with Costar 2k a two component waterproof membrane was recommended.

### APPLICATION PROCESS

- Surface Preparation

Adequate and detailed surface preparation is essential for durability of product after installation. Before application, All loose concrete, chippings and dust were removed, and uneven surface smoothed with the aid of grinding.

**Note:** Concrete substrates must be sound and of sufficient compressive strength (minimum 25N/mm<sup>2</sup>) with a minimum pull off strength of 1.5N/mm<sup>2</sup>.

### APPLICATION

Costar 2K was thoroughly mixed using a low speed electric stirrer (300- 400rpm). Prior to mixing, part A was stir mechanically. Part B was then added to part A and mixed continuously for 2 minutes until a uniform mix has been achieved.

Costar 2K was then applied by serrated trowel poured up to desired thickness to ensure even thickness and to remove entrapped air.

### SOLUTION

The team resolved the problem by applying Costar waterproofing membrane system - Costar 2k.



**BEFORE**



**AFTER**



## **CONTACT US**

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