



# ZYCOSIL<sup>®</sup> CONC

**International**

ACH / INST / INTL-009

## Seeping Roof of Panama Canal Authority Office Building

### The Challenge

The Panama Canal Authority is the agency of the government of Panama responsible for the operation and management of Panama Canal. Their office building had problems of dampness and seepage due to ingress of water.



### Project Details:

Name: Panama Canal Office Building  
Associate: Fassi Chemical Inc., Miami, Florida  
Job Quantum: 3,000 ft<sup>2</sup> Cladded Roof Terrace  
Products: Zycosil  
Period: July 2008



Zycosil, the water soluble organosilane technology was introduced to the maintenance personnel for consideration.

All contractors who'd inspected the site, suggested delaminating the old cladding and refixing them in order to address the problem. Upon thorough inspection of the nature of seepage, it was suggested to them to simply flood the roof with Zycosil Solution followed by complete drying.

To the surprise of the authorities, only a simple application of this innovative technology could solve the problem and arrest further water ingress from the roof.

### BENEFITS

#### Eliminates:

- Dampness
- Seepage
- Fungal Growth
- Carbonation
- Alkali Silica Reaction
- Rebar Corrosion

#### Reduces:

- Cracking of Cementitious Tile Joints
- Dust Accumulation

# Zydex<sup>®</sup>

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