



ZYCOSIL[®] CONC

International

ACH / INST / INTL-003

Walkway / Drive of Private Villa at Mobile, Alabama

The Challenge

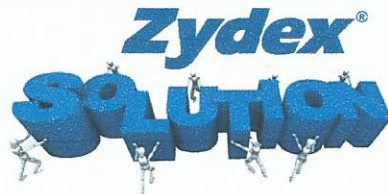
Dr. Prakash Mehta (President-R&D, Silane and Silicon Division, ZYDEX) treated his own driveway at his home in Alabama, USA.

This part of the country sees the highest rainfall through the year, thus making the concrete walkways prone to fungus development due to water absorption by the substrate.



Project Details:

Name: Dr. Mehta's Private Villa
Associate: Zydex Inc., USA
Job Quantum: 1,000 ft² Concrete Surfaces
Products: Zycosil
Period: January 2007



Zycosil treatment was applied over the entire walkway and driveway concrete sections till saturation.

This sufficed to be one of the primary in-house demonstrations from the launch of this innovative water soluble organosilane in the global market.

It was observed that the effect of this treatment lasted for 6-7 years till it wore out as a result of surface abrasion. During this period, it prevented formation of fungus over the treated areas, keeping them aesthetically healthy and risk free.

Before Treatment

After Three Years



BENEFITS

Eliminates:

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

Reduces:

- Efflorescence
- Dust Accumulation

Zydex[®]

info@zydexindustries.com
www.zydexindustries.com

ZYDEX INDUSTRIES PVT. LTD.
Zydex House, 61, Gotri-Sevasi Road
Vadodara - 391 101, INDIA

ZYDEX INC.
106, Kitty Hawk Drive, Morrisville
NC 27560, USA