

# Basement Technologies<sup>®</sup> presents PaviX<sup>®</sup> CCC100

**1-800-Busy Dog  
Basement  
Technologies**  
The Basement Specialists™  
Basement Waterproofing

## Exterior Waterproofing Without Digging

Waterproofing exterior special structures calls for special products. Parking garages, tunnels, pools and bridges are special structures.

PAVIX<sup>®</sup> CCC100 is a unique, water-based chemical product for moisture protection of large-scale concrete substrates against temperature and water associated problems such as thermal cracking, damage caused by repeated freeze and thaw cycles, chloride ion penetration, as well as alkali silica reactions.

PAVIX<sup>®</sup> CCC100 keeps treated concrete reasonably dry, thus helping eliminate most water and moisture associated problems by providing three effective mechanisms for concrete protection in all weather conditions — formation of two types of crystals and water repellency. In the presence of moisture, one type of crystal present in the product swells, blocking pores completely. The second type of crystal absorbs the extra moisture on the surface of the crystal preventing surface moisture on that crystal from diffusion to the concrete. These hydrophilic and hygroscopic properties provide double and durable protection against moisture penetration in concrete.

## Advantages and Benefits:

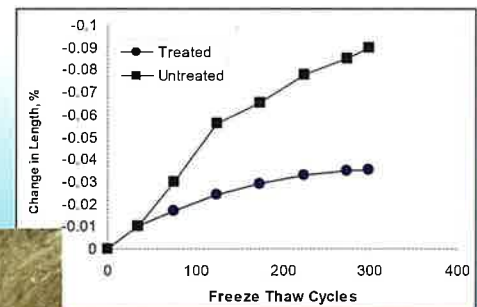
- Provides long-lasting internal waterproofing and moisture blocking from positive and negative sides
- Excellent repelling property preventing water, jet fuel and oil penetration intrusion from the surface
- Resists aggressive chemicals such as acids, caustics, jet fuels and oil
- Protects reinforcing steel bars against corrosion without any negative effect on steel cathodic protection
- Enhances the adhesion property of joint sealant and concrete road markers
- Reduces alkali silica reactions (ASR), and eliminates silicate dusting
- Prevents penetration of chloride ions from de-icing salts
- Eliminates damage caused by repeated freezing and thawing
- Prevents concrete scaling
- Increases concrete hardness
- Seals and protects cracks up to 1/16th inch (1.5 mm)

## Fields of Application:

- Airport runways
- Airport taxiways
- Aircraft parking
- Bridges
- Tunnels
- Concrete roads
- Parking lots
- Buildings
- Sea Ports
- Walkways



Concrete wall before, during and after PaviX treatment



Freezing and thawing effect on treated and untreated samples

