

# Protecting Your Assets

Fadi Farhat | November 2012

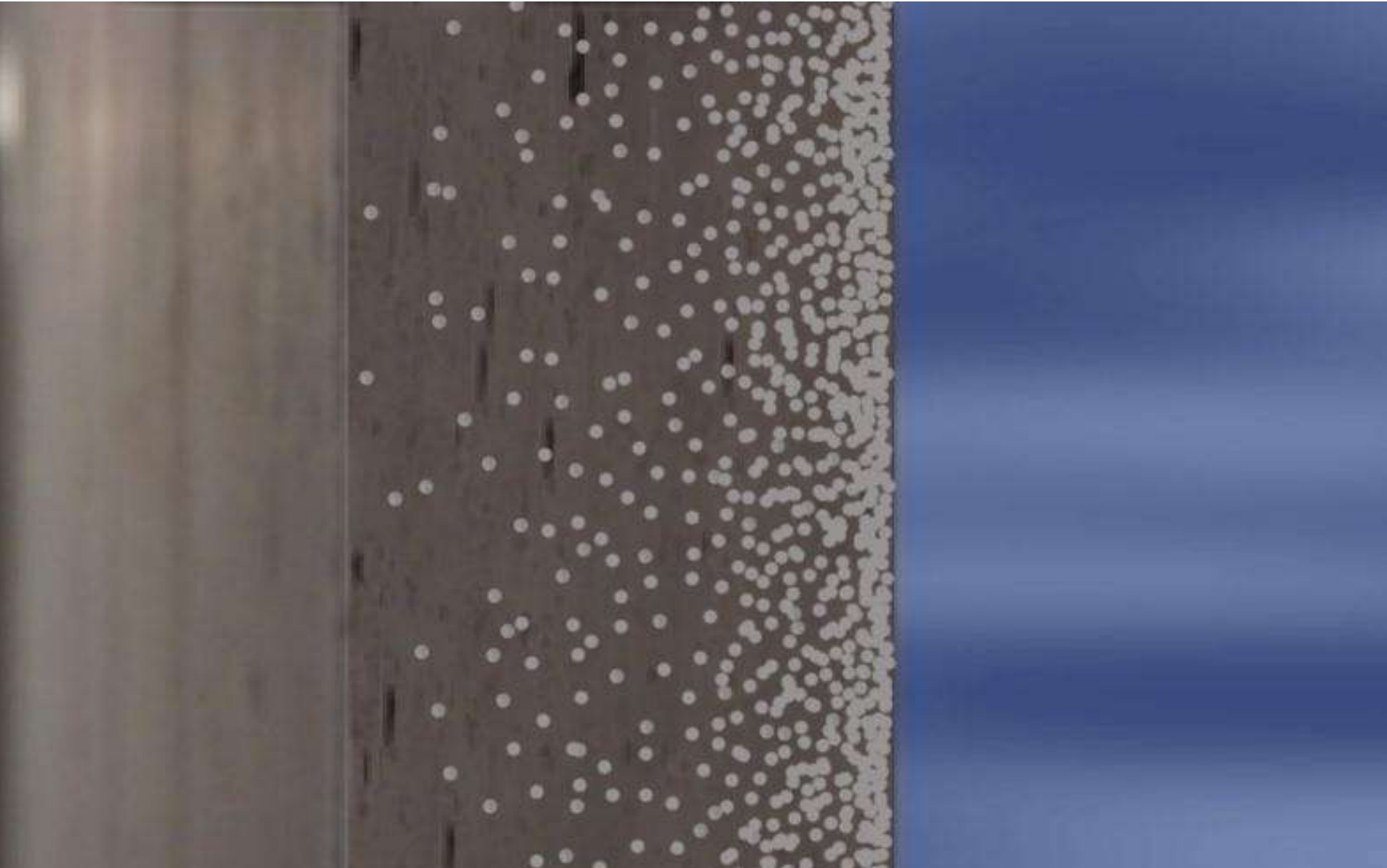


BE SURE. BE KRYTON.

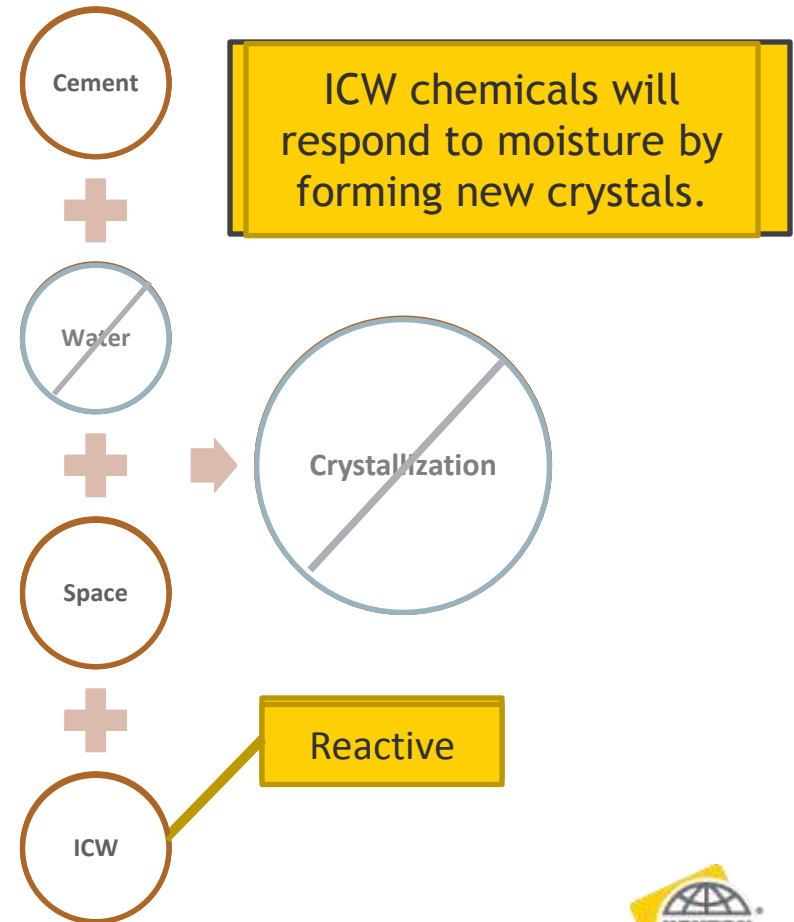
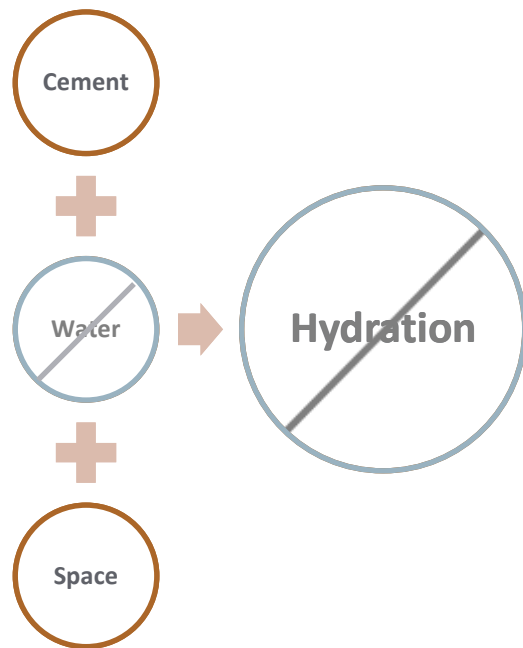
# Why Waterproof?



# Crystalline Waterproofing



# Integral Crystalline Waterproofing Technology Active System

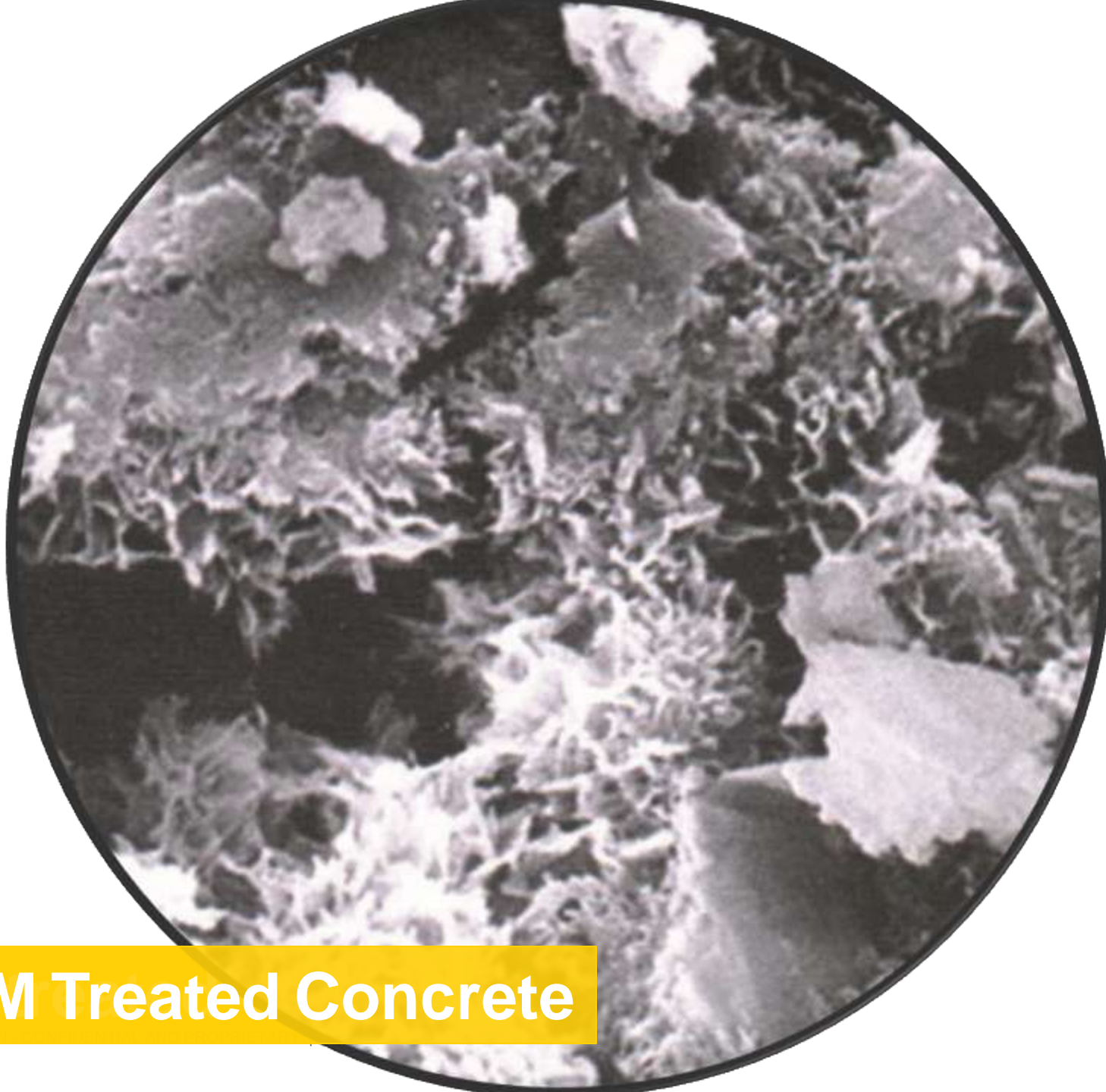


# Krystol Technology



Krystol is a blend of reactive chemicals that fill the capillary pores and micro-cracks of the concrete with millions of long, slender crystals resulting in impermeable concrete.





**KIM Treated Concrete**



BE SURE. BE KRYTON.

# Krystol Internal Membrane – KIM

- Reduces permeability
- Reduces shrinkage cracking
- Self-seals



# Self Sealing – Normal vs. KIM Concrete

Normal Concrete 0.2 mm



KIM Concrete 0.5 mm





# How to Select Crystalline Waterproofing

## ACI 212 – Chapter 15

- **PRAH** - Permeability Reducing Admixture for Hydrostatic Conditions
  - Krystol Internal Membrane
- **PRAN** - Permeability Reducing Admixture for Non-Hydrostatic Conditions



# Krystol Crack Repair System

- Protect from any direction
- Protect against high water pressure
- Permanent



# Protection for You

Owner/Developer



General Contractor



Engineer



Concrete Producer



Architect



Applicator



**Thank-You – Any Questions?**

[ffarhat@kryton.com](mailto:ffarhat@kryton.com)



**BE SURE. BE KRYTON.**