



# Krystol T1® & T2® Waterproofing System

(Surface-Applied Cementitious Concrete Waterproofing)

Product Code: K-210 (Krystol T1), K-220 (Krystol T2)

## DESCRIPTION

Krystol T1 & T2 system is a surface-applied crystalline waterproofing treatment for concrete structures that is used to protect against the ingress of water. It is a dry powder, that when mixed with water becomes a coating that is applied to the inner or outer sides of a concrete structure.

Krystol T1 and T2 contain Kryton's unique and proven Krystol® technology which reacts with un-hydrated cement particles to grow millions of needle-like crystals deep into the concrete mass. Over a period of weeks and months, these crystals grow, filling the naturally occurring pores and voids in concrete, and permanently blocking the pathways for water and waterborne contaminants. Later, if cracks form due to settling or shrinkage, incoming water triggers the crystallization process and additional crystals begin to grow, filling cracks and ensuring that the structure's waterproofing barrier is maintained and protected. The concrete itself becomes the waterproof layer and the surface treatment is not required to remain intact for the system to be effective.

## FEATURES

- Replaces unreliable exterior membranes, liners and coatings
- Reaches well below the surface and is not affected by surface wear or abrasion
- Self-seals hairline cracks up to 0.5 mm (0.02 in.)
- Reactivates in the presence of moisture
- Effective against hydrostatic pressure up to 140 m (460 ft.) of head pressure
- Waterproofing increases with time
- Waterproofs from any direction (i.e. positive or negative side)
- Treatment may be applied to old or new concrete
- Safe for contact with potable water, certified by NSF to NSF/ANSI Standard 61 Drinking Water System Components – Health Effects

## KEY BENEFITS

- Permanently waterproofs the concrete
- Increases reliability and quality control
- Lowers the cost of waterproofing
- Increased durability decreases building maintenance and repair costs
- Impervious to physical damage and deterioration
- Protects reinforcing steel against corrosion
- Superior performance enhancing your reputation for high quality work