



# Krytol Broadcast™

Product Code: K-250

## DESCRIPTION

**Krytol Broadcast™** is a crystalline waterproofing treatment for concrete flatwork. Krytol Broadcast is applied dry to the fresh concrete surface and troweled into the concrete during the final finishing. The special Krytol chemicals penetrate deeply into the concrete mass protecting it against the passage of water.

The dry-broadcast method results in a smooth finished floor suitable for typical traffic or application of common floor finishes. This can be an advantage over the slurry brush application of Krytol™ T1/T2.

The dry-broadcast method is best suited to very thick concrete slabs that will be power-troweled during finishing. For typical thickness slabs, KIM™ admixture may be more cost effective.

## FEATURES

- Permanently waterproofs the concrete
- Self-seals minor cracking
- Fugitive dye coloring ensures uniform distribution
- Protects reinforcing steel against corrosion
- Can be used as a wear surface
- Reaches well below the surface and is not destroyed by surface wear or abrasion
- Withstands extreme hydrostatic pressure
- Finished concrete may be painted or covered with any floor finish as usual
- Non-toxic and safe for use in potable water tanks and food processing plants

## RECOMMENDED USES

- Slabs on grade or below grade
- Parking structures
- Marine structures
- Reservoirs and water treatment plants
- Basements and pits
- Warehouse and commercial floors

## LIMITATIONS

- Not for use on slabs that are subject to flexing or movement.
- Minimum Portland cement content shall in no case be less than 250kg per cubic meter (420 lbs per cubic yard) and w/c ratio no greater than 0.5.
- The air content should not exceed 3%.

## PACKAGING

Krytol Bari-Cote is packaged in re-sealable plastic buckets in the following standard size;  
25kg (55 lbs.) pails

## COVERAGE

Apply at a spread rate of 1kg per sq. m. (1.8 lbs. per sq. yard or 0.2 lbs per sq. foot).

## PHYSICAL PROPERTIES

Colour	gray
Appearance	powder
Bulk density (g/cubic cm)	1.3
PH (when mix with water)	12
Hydrostatic head resistance	140m (460ft.)

## APPLICATION

**Krytol Broadcast** is applied by spreading onto the concrete surface just before finishing begins then troweling into the surface during normal finishing operations. For detailed application instructions, important precautions and safety information you must refer to Kryton Application Instruction 101.

## CURING

Kryton recommends that the concrete be cured as per the ACI guidelines. Rapid loss of moisture in plastic concrete may impair the ability for the concrete to receive any shake broadcast without subsequent delamination. The use of both an evaporation retarding film and curing agents is encouraged.

## SHELF LIFE

Krytol Broadcast has a minimum shelf life of 24 months for sealed pails, and 4 months for opened and properly re-sealed pails.

## SAFETY

- Before using or handling, read the Material Safety Data Sheet for this product.
- Krytol Broadcast powder becomes caustic when mixed with water or perspiration. Take appropriate safety precautions to prevent contact with skin or eyes and to prevent breathing dust.



# Technical Data Sheet

Technical Data Sheet 503

## **WARRANTY**

Kryton International Inc. warrants that its products are free from manufacturers defects and, when applied in accordance with the current specification and application instructions will perform as so stated in its product literature. Because methods and conditions of use are beyond the control of Kryton, no guarantee, expressed or implied can be given as to the results of application. Liability of Kryton shall be limited to replacement of materials proved defective or, at its option, refund of the purchase price of the product.