



Krystol T2™ Waterproofing System

(Cementitious Concrete Waterproofing)

DESCRIPTION

Krystol T2™ is a cementitious treatment for waterproofing concrete. Krystol T2™, when mixed with water and applied to concrete, penetrates into the concrete mass protecting against the passage of water. Can be used in conjunction with Krystol T1™ as a second coat or alone as a dry shake to fresh concrete or for coating on existing concrete surface.

FEATURES

- Permanently stops water movement in concrete
- Waterproofs minor cracking
- 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
- Impregnation withstands significant hydrostatic pressure
- Treatment may be applied to old or new concrete
- Non toxic and safe for use in water tanks and food processing plants

RECOMMENDED USES

- As a second coat over Krystol T1™
- Use alone as a damproof
- Concrete Repairs
- Reservoirs
- Fish Tanks
- Acts as a curing and hardening agent
- Concrete walls floors and roofs

COVERAGE

- 0.8 Kg/Square meter when used over Krystol T1™
- 1.0 Kg/Square meter when used alone or for dry shake broadcast.

SAFETY & PRECAUTIONS

- Not recommended for moving joints
- Use suitable protective clothing and eye protection
- Application should not be made when the surface temperature is below 5°C

PACKING

- 25 Kg plastic pails

PHYSICAL PROPERTIES

Color	Gray
Texture	Powder
Bulk density	1.25
PH (when mixed with water)	11±1
Shelf Life	2 years in sealed pails

APPLICATION

Krystol T2™ may be applied to existing concrete or over Krystol T1™ or as dry shake, broadcasted on freshly poured concrete or for coating on existing concrete surfaces.

BRUSH ON APPLICATION

Existing concrete must be free from oil, grease, bitumen, laitance and other contaminants. Surfaces to be treated must be pre-soaked with clean water to a saturated surface dry (SSD) condition. Do not leave any standing water.

When applying to existing concrete, mix Krystol T2™ to a slurry consistency (5 parts powder to 2 part, clean water). With a natural bristle concrete brush use an aggressive circular motion to coat the concrete with the slurry mix application must not be made when the surface temperature is below 5°C.

DRY SHAKE APPLICATION

When applying to new horizontal slabs, spread on the fresh concrete before final trowelling and finishing.

CURING

Completed application should be protected against direct exposure to sun for 48 hours and against rain and light traffic for 12 hours. Heavy traffic should be avoided until the surface has hardened, at least 5 days. Treated concrete surface should not be permanently exposed to liquids for 7 days. Finishes containing Portland cement may be applied over Krystol T2™ after 3 hours but other finishes should not be applied before 28 days.

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