



At the Lab. In the Field.
By Your Side.

SHANGHAI SUBWAY SHANGHAI, CHINA



CONCRETE
WATERPROOFING

Page 1 of 1

QUESTIONS: 1-800-267-8280 or www.kryton.com

BACKGROUND

Different sections in the stations for the new subway line in Shanghai faced problems due to sulphate attack, chloride penetration and corrosion.

An effective waterproofing system and a watertight corrosion free concrete solution were needed to overcome these problems.

The system had to provide cost effective quality and low cost maintenance while performing without membrane or coatings.

SOLUTION

The Krystol™ Systems T1/T2 and KIM™ were chosen for simplicity of use and for their abilities to lower long-term maintenance cost.

Over 60mt of Krystol™ Technology went into the precast tunnel sections applied directly to the concrete mix. Even under the hydrostatic pressure of the Huangpu River KIM's performance has already proven effective.

An average of 5mt of the surface applied Krystol™ T1/T2 System was utilized in each station to effectively solve water passage and to provide effective protection to the reinforcing steel.



PROJECT CASE STUDY

PRODUCT

Krystol™ T1/T2
KIM™ (Krystol™ Internal Membrane)

LOCATION

Shanghai, China

APPLICATOR

Kryton Person Ltd.

DISTRIBUTOR

Kryton Person Highly Efficient Waterproofing Materials Co.

OWNER

Shanghai Subway Corporation

The Kryton Group of Companies.

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