

Innovations for Sustainable Waterproofing in Tunnels and Underground Construction

No Registration Fee!!
รับจำนวนจำกัด 80 ท่าน



TEA TALK SEMINAR

“Innovations for Sustainable Waterproofing in Tunnels and Underground Construction”

Wednesday 15th August 2018, 13:00-17:00 PM., at 4th Floor EIT Building, Meeting Room 1

Organized by Thailand Underground and Tunnelling Group (TUTG)

The Engineering Institute of Thailand Under H.M. The King’s Patronage

Sponsored by Cormix International Limited.

SYNOPSIS

Groundwater creates high risks in underground construction. Unpredictable ground conditions, ground-water and water ingress can be problematic and affect construction with costly delays. Cormix has developed innovative solutions for sustainable waterproofing in Tunnels and waterstopping technologies for under-ground construction providing systems for stopping water during construction and long term waterproofing.

The holistic approach to waterproofing for tunnel and underground construction from Cormix includes jointless, fixing free, one part sprayable waterproofing membranes for hard rock tunnelling, Polyurethane resins, foams and silicates for soil & rock

consolidation and below grade water stoppage, Hydrogels for shutting off heavy water leakage, Hydrophilic strips for sealing precast concrete and sealant applied swelling water-stops for construction joints. Cormix products can help to provide optimal water control and management in underground construction long term. These materials are produced in Thailand by Cormix to meet the specific needs of the tunneling industry.

Objective: to share information regarding the latest technology available in Thailand for unpredictable ground conditions, groundwater stoppage, water ingress and waterproofing of tunnels in both soft soil and hard rock conditions

PROGRAM

13.00 - 13.20 Register at 4th Floor, EIT Building

13.20 - 13.25 Opening: Dr. Apichart Sramoon

13.25 - 13.30 Opening: Mr. Edward Batchelor

► **Groundwater in tunnel construction awareness**

► **Waterproofing in tunnels**

- Sprayable one part highly flexible cementitious Polymer modified waterproofing membrane for tunnel linings and other below grade structures replaces conventional sheet membranes
- Sprayable high performance, high solids polyurethane liquid applied waterproofing membrane with superior properties to conventional PU Non toxic, no fire hazard, no solvent, bitumen free, highly elastic

► **Ground Improvement & Consolidation**

(Soil & Rock Consolidation) and Stopping Water Movement

- Soil & rock consolidation and below grade water stoppage

(TUTG)

(Managing Director of Cormix)

(Dr.Thanu Harnpattanapanich)

K.Tossapol Ketwattha

(Technical Service Manager)

K.Parag Patil

(Technical Manager)

K.Anucha Sombutpun

(Technical Service Engineer)

K.Parag Patil

(Technical Manager)

- Fast setting rigid polyurethane foam for soil & rock
- Shutting off heavy water leakages with high tensile adhesion to wet & dry substrates

15.15 - 15.35

Tea Break

15.35 - 16.05

- ▶ A hydrophilic strip for sealing precast concrete tunnel segments and preformed construction joints.
- ▶ Sealant applied swelling waterstops for construction joints.
- ▶ TBM Accessories (Grease / Foam)
 - TBMs & Tail Seal Grease
 - Soil Conditioning Foams & Polymer

K.Anucha Sombutpun
(Technical Service Engineer)
K.Parag Patil
(Technical Manager)

16.05 - 16.35

Questions & Answers

*****CORMIX*****



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****กรุณารอกด้วยตัวบรรจงเพื่อความชัดเจน****

ชื่อ -นามสกุล.....

หน่วยงาน (บริษัท/บ้าน).....

เลขที่..... หมู่ที่..... อาคาร..... ชั้น.....

ซอย..... ถนน..... ตำบล/แขวง.....

อำเภอ/เขต..... จังหวัด..... รหัสไปรษณีย์.....

โทรศัพท์..... โทรสาร..... E-mail:.....

ติดต่อสอบถามและส่งใบสมัครได้ที่ นางสาวอารีรัตน์ อยู่คุ้มญาติ

วิศวกรรมสถานแห่งประเทศไทย ในพระบรมราชูปถัมภ์ เลขที่ 487 ซอยรามคำแหง 39 ถนนรามคำแหง แขวงวังทองหลาง กทม. 10310

โทร. 02184-4600-9 ต่อ 511 โทรสาร 0-2319-2710-1 และ 0-2184-4597 <http://www.eit.or.th>, www.tutg.or.th

ส่งใบสมัครได้ที่ E-mail: plally@gmail.com

กรุณาส่ง

ชำระค่าไปรษณียากรแล้ว

ใบอนุญาตที่ 72/2554

ศฝ.บดินทรเดชา