

- **Programme title (Seminar/ On-line Webinar)**
The NEXT Generation of C-S-H Waterproof and Corrosion Proof + Crack Healing Technology For Durable and Sustainable Concrete

- **Date, Time and Venue**
5 July 2023 (Wednesday)
6:30pm to 8:00pm

Chan Yat Mei Sophie Room, HKIE Headquarters
9/F, Island Beverley, No. 1, Great George St, Causeway Bay, Hong Kong

- **Programme highlights**

The NEXT Generation of C-S-H Waterproof and Corrosion Proof + Crack Healing technology works within the cement matrix to generate additional calcium silicate hydrate (C-S-H) within the concrete resulting in further hydration until the concrete is impermeable to water infiltrations.

This C-S-H technology also grants self-healing properties to concrete through a process called autogenous healing. The crystallizing reaction will remain latent in the concrete and reactivate whenever water is present to generate additional C-S-H growth, sealing any cracks which may form and maintaining the structural integrity of the concrete, thereby increasing the durability and sustainability of structures.

The following topic will be presented at the seminar:

1. What are the current trend of Integral Waterproof System and its differences
2. What is the NEXT Generation “C-S-H” waterproofing technology
3. What makes “C-S-H” waterproofing technology different
4. What are the short term and long-term benefits
5. Review on testing and certification
6. C-S-H project review and case study

- **Speaker**

Mr. John Fiorino - Active Partner (Krystaline Technology SL, Spain)

Mr. John Fiorino has more than 29 years of experience working with Crystalline waterproofing technologies. He is one of the developers of C-S-H technology product and responsible for Krystaline’s R&D, manufacturing and distribution of the newest generation of Hydrophilic C-S-H Crystalline Pore-Sealing and Crack healing product. Throughout his past experiences, Mr. John Fiorino has assisted the company established international manufacturing centers in 8 countries and the distribution channels in more than 60 countries.

- **Registration details**

Prior registration is required and due date is 28 June 2023. Seats will be allocated on a first-come-first-served basis with priority given to HKIE Building Division members for the face-to-face seminar.

For registration, please apply online at: -

<https://forms.gle/eFMq57744uGdYw8UA>

The Zoom link for on-line webinar participants will be issued by HKIE by 30 June 2023.

- **Enquiry details**

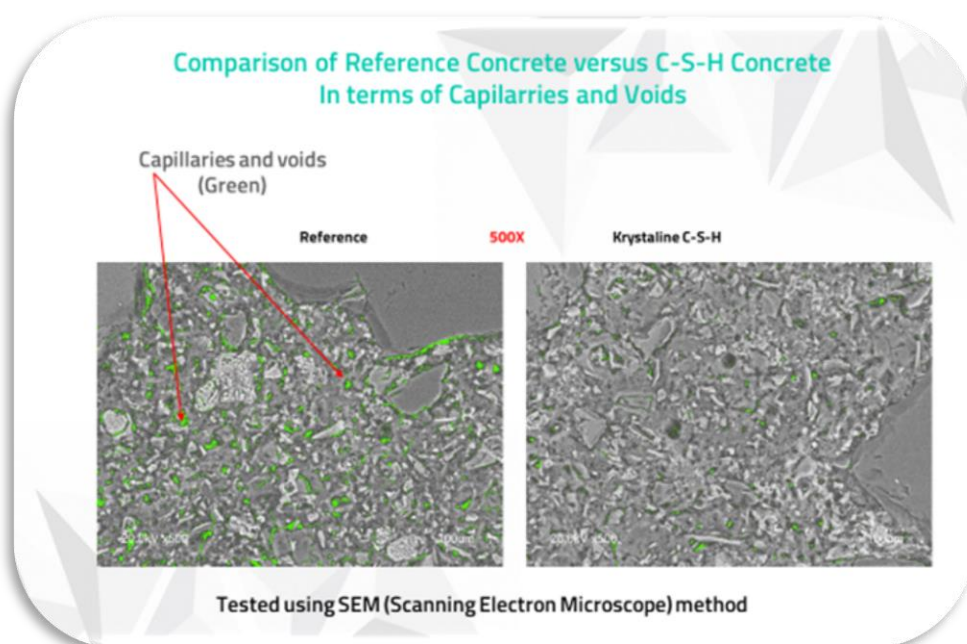
For enquiries, please contact Ir Paris Wong (tel: 2859 5592) or via email pariswong@meinhardt.com.hk

Topic for the Seminar:

The NEXT Generation of C-S-H Waterproof and Corrosion Proof + Crack Healing Technology For Durable and Sustainable Concrete.



The NEXT Generation of C-S-H Waterproof and Corrosion Proof + Crack Healing technology works within the cement matrix to generate additional calcium silicate hydrate (CSH) within the concrete resulting in further hydration until the concrete is impermeable to water infiltrations.



This C-S-H technology also grants self-healing properties to concrete through a process called autogenous healing. The crystallizing reaction will remain latent in the concrete and reactivate whenever water is present to generate additional CSH growth, sealing any cracks which may form and maintaining the structural integrity of the concrete, thereby increasing the durability and sustainability of structures.

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1. What are the current trend of Integral Waterproof System and Its Differences
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Speakers

- **Mr. John Fiorino** - Active Partner (Krystaline Technology SL, Spain)

Topic for the Seminar:

Speakers Profile

Mr. John Fiorino - Active Partner (Krystaline Technology SL, Spain)

Mr. John Fiorino is the Active Partner of Krystaline Technology SL. He has more than 29 years of experience working with Crystalline waterproofing technologies. He is one of the developers of C-S-H technology product and responsible for Krystaline's R&D, manufacturing and distribution of the newest generation of Hydrophilic C-S-H Crystalline Pore-Sealing and Crack healing product. Throughout his past experiences, Mr. John Fiorino has assisted the company established international manufacturing centers in 8 countries and the distribution channels in more than 60 countries.



KRYSTALINE TECHNOLOGY S.A.

Krystaline Technology S.A. with its corporate headquarters located in Elche, Spain, is a company specialized in construction chemicals with a focus on waterproofing concrete using the newest generation of hydrophilic C-S-H Crystalline Pore Sealing and Self-healing technology that is sustainable, durable and competitive.

Krystaline Technology S.A. is a specialist in the development, manufacturing, and distribution and technical support for the newest generation of hydrophilic C-S-H Crystalline technology with strong international presence in European, Asian, African and South American markets.

All Krystaline products are designed and produced in Spain following strict European quality standards and are CE marked where harmonised European Standards are available and independently certified by bodies such as the British Board of Agrément (BBA).

KMK (ASIA) LIMITED

A Strategic Partner of Krystaline in Asia base in Hong Kong, specialise in technical support and distributing of Krystaline products and services in Asia.

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