

How to Register

To register, interested participants will need to purchase a copy of SS 674:2021 at a discounted price of S\$36.29 (incl. of GST) from Toppan Leefung Pte Ltd.

To purchase a copy of SS 674:2021, please click [here](#). Alternatively, you can scan the QR code below.



For each purchase of SS 674:2021, the organisation is entitled to send up to three (3) participants.

If you have any enquiries on the purchase of standards, please contact Mr Rahman Daud from Toppan Leefung Pte Ltd at rahmandaud@toppanleefung.com.

Upon your successful purchase of SS 674:2021, you will receive an email with details on how to join the webinar.

Closing Date: 22 November 2021, Monday

Enquiries

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Registration is on a first-come, first-serve basis and will be confirmed via email. IES – SDO reserves the right to postpone or cancel the webinar due to unforeseen circumstances.

Pre-requisites

Prior to attending this webinar, you should:

- Have a PC / laptop / tablet / smart phone with built-in or external webcam
- Install the Zoom client
- Have Wi-Fi / high speed internet connection available
- Receive an email with a link and password for you to join the webinar session after your registration is successful



Launch of SS 674:2021 **NEW** Singapore Standard on Fibre concrete – Design of fibre concrete structures

Date: 29 November 2021, Monday
Time: 2.00pm to 5.15pm
Venue: Webinar – Zoom

This webinar is/may be qualified for the following:

- (i) IES/ACES C&S Resident Engineers (RE) and Resident Technical Officers Registry (RTO) – STU (TBC)
- (ii) Professional Engineers Board Singapore – PDU (TBC)
- (iii) Chartered Engineers (CEng) – CPD (TBC)
- (iv) Board of Architects of Singapore – Singapore Institute of Architects– BOA-SIA (TBC)

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Introduction

The objective of this webinar is to introduce the new Singapore Standard on Fibre concrete – Design of fibre concrete structures (SS 674:2021).

The standard gives provisions on the design of fibre concrete structures in accordance with SS EN 1992-1-1. It is not a Eurocode but it is a complement to SS EN 1992-1-1. Both documents should be read in conjunction with each other for a full comprehension of the subject. This standard deals mainly with fundamental requirements covering general issues, basis of design, materials, structural analysis, ultimate limit state, and serviceability limit state.

This webinar will highlight some of the design provisions and provide further recommendations. Regulatory perspective on the use and quality assurance (QA)/quality control (QC) of fibre reinforced concrete structures will be presented. The webinar will also showcase some of the design and application experiences in fibre concrete.

Who Should Attend?

- Architects
- Consultants
- Contractors
- Developers
- Government agencies / regulatory bodies
- Professional engineers
- Suppliers / manufacturers
- Tertiary institutions
- Testing / accreditation bodies

What You Will Learn

- Overview of the new Singapore Standards on Fibre concrete – Design of fibre concrete structures
- Regulatory perspective on use of fibre concrete
- Good practice in designing of fibre concrete structures in accordance with SS EN 1992-1-1 and SS 674:2021
- QA/QC of fibre concrete

Programme

Time	Topic
1.40pm	Attendees to login via webinar
2.00pm	Welcome Address <i>Er. Chew Keat Chuan</i> <i>Commissioner of Building Control, Group Director, Building Engineering Group, Building and Construction Authority</i>
2.10pm	Overview of SS 674:2021 Fibre concrete – Design of fibre concrete structures <i>Prof Tan Kiang Hwee</i> <i>Chairman, Technical Committee on Building Structures and Substructures</i> <i>Convenor, Working Group on SS 674</i> <i>Professor, National University of Singapore</i>
2.45pm	QA/QC of fibre concrete <i>Mr Gan Cheng Chian</i> <i>Member, Working Group on SS 674</i> <i>Technical Manager, Bekaert Singapore Pte Ltd</i>
3.15pm	Regulatory perspective on use of fibre concrete <i>Dr Tran Chi Trung</i> <i>Member, Working Group on SS 674</i> <i>Deputy Director - Bridges & Structural Steel Department – Building Engineering Group, Building & Construction Authority</i>
3.45pm	Experience on design of fibre concrete <i>Dr Sofren Leo Suhaendi</i> <i>Member, Working Group on SS 674</i> <i>Associate, Arup Singapore Pte Ltd</i>
4.15pm	Experience on application of fibre concrete <i>Er. Zhang Bin</i> <i>Member, Working Group on SS 674</i> <i>Manager, Geotechnical & Tunnel Division</i> <i>Land Transport Authority</i>
4.45pm	Panel Discussion <i>Moderator: Prof Tan Kiang Hwee</i> <i>Chairman, Technical Committee on Building Structures and Substructures</i> <i>Convenor, Working Group on SS 674</i>
5.15pm	End