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In Collaboration With



ASSOCIATION OF  
CONSULTING ENGINEERS  
SINGAPORE

Our ref: APPBCA-2025-28

01 December 2025

For enquiries, please contact:  
Building Engineering Group (#12-01)  
Tel: 1800 342 5222 (1800-DIAL-BCA)  
or use our Online Feedback Form at:  
<https://www.bca.gov.sg/feedbackform/>

Dear Sir/Madam

**CIRCULAR ON THE PUBLICATION OF “DESIGN GUIDE FOR FIBRE-REINFORCED CONCRETE STRUCTURES TO SINGAPORE STANDARD SS 674:2021- PRACTICAL EXAMPLES AND DESIGN AIDS”**

**Objective**

This circular is to inform the industry of the publication of the new “DESIGN GUIDE FOR FIBRE-REINFORCED CONCRETE STRUCTURES TO SINGAPORE STANDARD SS 674:2021- PRACTICAL EXAMPLES AND DESIGN AIDS”

**Background**

2 The Singapore Standard, SS 674:2021 was published in 2021 and is a modified version of SS 812310:2014. Changes were made in consideration of the local industry needs and to suit the national requirements.

3 In 2022, the Association of Consulting Engineers Singapore (ACES) published the first ‘Design Guide for Fibre-Reinforced Concrete Structures to Singapore Standard SS 674:2021’ in collaboration with BCA to provide guidance to facilitate the use of the standard and encourage safe adoption of fibre concrete for practical applications in our local context.

4 This new “DESIGN GUIDE FOR FIBRE-REINFORCED CONCRETE STRUCTURES TO SINGAPORE STANDARD SS 674:2021- PRACTICAL EXAMPLES AND DESIGN AIDS” is the follow-up guide that ACES and BCA developed to provide practical examples and design aids for various applications that the industry can adopt fibre concrete in their projects. A seminar was conducted on 31 Oct 2025 to introduce and acquaint the industry practitioners with this latest design guide.

4 The Design Guide is available as free download from the respective websites of BCA and ACES, namely -

- <https://go.gov.sg/designguidefibreconcrete> (TBC)
- [https://aces.org.sg/wp-content/pdf/ACES%20Design%20Guide%20for%20FRC-%20Practical%20Examples%20and%20Design%20Aids\\_October%202025.pdf](https://aces.org.sg/wp-content/pdf/ACES%20Design%20Guide%20for%20FRC-%20Practical%20Examples%20and%20Design%20Aids_October%202025.pdf)



**For Clarification**

5 We would appreciate it if you could bring to the attention of your members the contents of this circular. Should you need any clarification, please submit your enquiry through BCA's Online Feedback Form at <https://www.bca.gov.sg/feedbackform/> or call us at 1800 342 5222.

Yours faithfully

A handwritten signature in black ink, appearing to be 'Chi Trung'.

ER. DR. TRAN CHI TRUNG  
DIRECTOR, BUILDING ENGINEERING GROUP  
BUILDING AND CONSTRUCTION AUTHORITY  
for COMMISSIONER OF BUILDING CONTROL

A handwritten signature in blue ink, appearing to be 'Yong Fen Leong'.

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ER. YONG FEN LEONG  
CHAIR, C&S PRACTICE  
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