

In Collaboration With



ASSOCIATION OF  
CONSULTING ENGINEERS  
SINGAPORE

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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

**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 'Dr. Tran 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  
ASSOCIATION OF CONSULTING  
ENGINEERS SINGAPORE

**DISTRIBUTION (via e-mail):**

PRESIDENT  
INSTITUTION OF ENGINEERS, SINGAPORE (IES)  
70, BUKIT TINGGI ROAD  
SINGAPORE 289758

PRESIDENT  
ASSOCIATION OF CONSULTING ENGINEERS, SINGAPORE (ACES)  
18 SIN MING LANE  
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SINGAPORE 573960

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SINGAPORE CONTRACTORS ASSOCIATION LIMITED (SCAL)  
CONSTRUCTION HOUSE  
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200 Braddell Road, BCA Academy, Block H, Level 2  
SINGAPORE 579700

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SINGAPORE INSTITUTE OF BUILDING LIMITED (SIBL)  
20 Maxwell Road,  
#08-06 Maxwell House  
Singapore 069113

PRESIDENT  
REAL ESTATE DEVELOPERS' ASSOCIATION OF SINGAPORE (REDAS)  
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SINGAPORE 239924

PRESIDENT  
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SINGAPORE 608550

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1ST STOREY TOWER BLOCK  
MND COMPLEX  
SINGAPORE 069110

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SCHOOL CAMPUS DEPARTMENT  
MINISTRY OF EDUCATION  
1 NORTH BUONA VISTA DRIVE  
SINGAPORE 138675

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BEST SOURCING DEPARTMENT  
PUBLIC UTILITIES BOARD  
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ENVIRONMENT BUILDING  
SINGAPORE 228231

DEPUTY CHIEF EXECUTIVE  
INFRASTRUCTURE & DEVELOPMENT  
LAND TRANSPORT AUTHORITY  
1 HAMPSHIRE ROAD  
BLOCK 8 LEVEL 1  
SINGAPORE 219428

DEPUTY DIRECTOR  
PROJECT DEVT & MGT SECT 1 (C&S)  
BUILDING QUALITY GROUP  
HOUSING & DEVELOPMENT BOARD  
HDB HUB  
480 LORONG 6 TOA PAYOH  
SINGAPORE 310480

DIRECTOR  
TECHNICAL SERVICES DIVISION  
JTC CORPORATION  
THE JTC SUMMIT  
8 JURONG TOWN HALL ROAD  
SINGAPORE 609434

DIRECTOR  
BUILDING  
PEOPLE'S ASSOCIATION  
9 STADIUM LINK  
SINGAPORE 397750

PRESIDENT  
THE TUNNELLING AND UNDERGROUND  
CONSTRUCTION SOCIETY SINGAPORE (TUCSS)  
C/O CMA INTERNATIONAL CONSULTANTS PTE LTD  
1 LIANG SEAH STREET  
#02-12 LIANG SEAH PLACE  
SINGAPORE 189022

PRESIDENT  
SOCIETY OF ROCK MECHANICS AND ENGINEERING GEOLOGY  
1 LIANG SEAH STREET  
#02-12 LIANG SEAH PLACE  
SINGAPORE 189022

DEPUTY CHIEF EXECUTIVE OFFICER  
SENTOSA DEVELOPMENT CORPORATION  
33 ALLANBROOKE ROAD, SENTOSA  
SINGAPORE 099981

HEAD (FIRE SAFETY AND BUILDING CONTROL)  
BUILDING AND INFRASTRUCTURE  
DEFENCE SCIENCE & TECHNOLOGY AGENCY  
1 DEPOT ROAD  
DEFENCE TECHNOLOGY TOWER A  
SINGAPORE 109679

DIRECTOR  
BUILDING AND INFRASTRUCTURE  
DEFENCE SCIENCE & TECHNOLOGY AGENCY  
1 DEPOT ROAD  
DEFENCE TECHNOLOGY TOWER A  
SINGAPORE 109679

PRESIDENT  
Singapore Green Building Council (SGBC)  
200 Braddell Road  
Block H, Level 2 BCA Braddell Campus  
Singapore 579700

PRESIDENT  
Specialists Trade Alliance of Singapore (STAS)  
23 Genting Road  
#07-01 Chevalier House  
Singapore 349481

PRESIDENT  
Singapore International Facility Management Association (SIFMA)  
Blk 201 Kim Tian Road #03-400  
Singapore 160201

PRESIDENT  
Association of Property and Facility Managers (APFM)  
110 Middle Road

#09-00 Chiat Hong Building  
Singapore 188968

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