



**SCDF**  
The Life Saving Force

SINGAPORE CIVIL DEFENCE FORCE

Your Ref :

Our Ref: CD/FSSD/12/02/03/01

Date : 25 Aug 2017

Registrar, Board of Architects  
Registrar, Professional Engineers Board  
President, Singapore Institute of Architects  
President, Institution of Engineers, Singapore  
President, Association of Consulting Engineers, Singapore

**IMMEDIATE**

Dear Sir/Mdm

**ADVISORY ON THE USE OF CLADDINGS ON EXTERNAL WALLS OF BUILDINGS**

On 6 Feb 2017, SCDF issued a circular on the “Fire Safety Guidelines (2017) for Certification of Fire Safety Products/Materials” to the building industry. Annex A of the circular provides a list of regulated fire safety products with their acceptable test standard(s), product certification scheme and the surveillance regime.

2. This circular serves to remind QPs on the tests required for composite panels used as claddings on external walls of buildings. The permitted test standard(s) are as follows:

Usage of composite panel	Test standard(s)	Acceptance Criteria	Remarks
Cladding on external wall	BS 476 Part 4; or	Meet the criteria stipulated in BS 476 Part 4	1) The test sample shall be stripped to expose the core material and the fire tests shall be carried out on the core material.  2) External wall for mounting of composite panels shall have a fire resistance rating of at least 1 hour.
	BS 476 Part 11; or	Meet the criteria stipulated in BS 476 Part 11	
	BS 476 Part 7 & BS 476 Part 6; or	BS 476 Part 7: Class 1 & BS 476 Part 6: Class 0	
	EN 13501-1; or	Class B or better	



**SCDF – A member of the Home Team**

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	NFPA 285	Meet the criteria stipulated in NFPA 285	1) The fire test shall be carried out on the whole panel assembly.  2) External wall for mounting of composite panels shall have fire resistance rating of at least 1 hour.
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3. QPs and RIs are reminded to check the test report and Certificate of Conformity (COC) to ensure that fire tests are carried out on the core material of the composite panel when tested to BS 476 Part 4, BS 476 Part 11, BS 476 Part 7 & BS 476 Part 6 or EN 13501-1. If QPs and RIs are in doubt, notwithstanding the test report and COC, they may wish to consider obtaining cladding samples from the site for fire tests by an accredited testing laboratory.

4. Please convey the contents of this circular to members of your Board/ Institution/ Association. This circular is also available in CORENET-e-Info: <http://www.corenet.gov.sg/einfo>. For any clarification, please contact Mr. Pang Tong Teck at DID: 68481403 or Email: [pang\\_tong\\_teck@scdf.gov.sg](mailto:pang_tong_teck@scdf.gov.sg).

Yours faithfully

(transmitted via email)

MAJ Tan Chung Yee  
Fire Safety & Shelter Department  
for Commissioner  
Singapore Civil Defence Force



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