



**SCDF**  
The Life Saving Force

SINGAPORE CIVIL DEFENCE FORCE

27 Sep 2016

IN-PRINCIPLE ACCEPTANCE

BIP NUMBER 2016-05-0040

This letter <sup>[Note 1]</sup> is issued to **QUICKSMART TECHNOLOGY (SINGAPORE) PTE. LTD.** to confirm that the **Steel Prefabricated Prefinished Volumetric Construction (PPVC) System - QUICKSMART PPVC System (2016)** as submitted <sup>[Note 2]</sup> to the Singapore Civil Defence Force (SCDF) through the Building Innovation Panel, is in-principle acceptable for use in building projects in Singapore, subject to the following conditions:

- (i) The proposed system shall comply with the fire code requirements.
- (ii) The proposed system shall comply with FSR 7:2014 Fire Safety Requirements for The Use of Plastics in Building Construction dated 1 Oct 2014.
- (iii) The proposed system shall comply with the fire safety requirements stipulated in the SCDF's circular dated 13 Nov 14 for 'Permitting Services within Fire-Rated Dry Construction in Buildings'. Fire performance test for the proposed fire rated dry construction with services within shall be conducted by accredited laboratory and test reports submitted to prove that the proposed systems comply with the fire code requirements.
- (iv) Detailed sectional plans of all typical floor, wall, façade, ceiling construction and roof coverings for the proposed system shall be submitted to SCDF for further evaluation and approval.
- (v) The proposed building products/materials/systems shall comply with the fire test performance requirements stipulated in Annex B of Appendix 15 Fire Safety Guidelines for Certification of Regulated Fire Safety Products/Materials of the Fire Code. Fire test performance reports from accredited test laboratories & Certificate of Conformity (COCs) / Declaration of Compliance (DOC) for regulated fire safety products from certification bodies (CBs) accredited by Singapore Accreditation Council (SAC) shall be provided for the proposed products/materials/systems.



Page 1 of 2  
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- (vi) If overseas accredited testing laboratory recognised by SAC is engaged to conduct the fire performance tests for the proposed products/materials/systems, the test performance reports shall be certified by any of the accredited CBs in Singapore before they can be used for building construction in Singapore.
- (vii) To avoid unnecessary delay of project completion, project Qualified Person (QP) shall engage the certification body and registered inspector (RI) earlier to conduct factory inspection at the overseas manufacturing plant for certification and conformity of regulated fire safety products/materials/systems.

Director, Fire Safety and Shelter Department  
for Commissioner  
Singapore Civil Defence Force

Note:

1. This In-Principle Acceptance (IPA) does not exempt the Steel Prefabricated Prefinished Volumetric Construction (PPVC) System - QUICKSMART PPVC System (2016) that is designed and supplied by QUICKSMART TECHNOLOGY (SINGAPORE) PTE. LTD. from the need to obtain the necessary permits or approval of plans from the relevant regulatory authorities, including but not limited to SCDF.
2. Details of Steel Prefabricated Prefinished Volumetric Construction (PPVC) System - QUICKSMART PPVC System (2016) submitted by QUICKSMART TECHNOLOGY (SINGAPORE) PTE. LTD. to the SCDF through the Building Innovation Panel (BIP) 2016-05-0040 are available at BCA.
3. This In-Principle Acceptance (IPA) is not an endorsement of the above-mentioned products by SCDF nor does SCDF give any warranties, explicit or implied, regarding the availability of the products, information, product or services, efficacy of the products or warranties of merchantability, fitness for a particular purpose, title or non-infringement. The supplier/user must ensure that their products are safe for public use and comply with all relevant regulations and statutory requirements at all times.



Page 2 of 2

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