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CIRCULAR TO PROFESSIONAL INSTITUTES

DESIGN AND PERFORMANCE STANDARDS FOR WINDOWS SS 212: 2007 - SPECIFICATION FOR ALUMINIUM ALLOY WINDOWS

Objective

This circular is to inform the building industry of the newly launched SS 212: 2007 (Specification for aluminium alloy windows) which would supersede the current SS 212: 2000 version referred to in the Approved Document.

Effective Date

2 The SS 212: 2007 will apply to development projects with effect from **1 April 2008**. Developers, engineers, architects and contractors are, however, encouraged to adopt this new Standard, wherever possible, for all their current projects.

Background

3 Under Paragraph M of the Building Control Regulations, a window system shall be adequately designed and constructed with appropriate materials for its intended use. This shall be deemed to have been satisfied if the window is designed and constructed in accordance with the SS 212.

4 The SS 212: 2007 was launched on 26 October 2007 by SPRING. The changes and effective date of the new Standard was also reported in the media on 27 October 2007. The revised Standard aims to further improve the safety of windows in terms of their design and performance.

Clauses in Relation to Safety in SS 212: 2007

5 Amongst the requirements in the Standard, we would like to highlight the following main changes and clauses pertaining to safety that you should pay attention to.

- a) Clause 4.1 – Minimum thickness requirement for aluminium profiles
- b) Clause 4.3 – Standards for operating devices, bearing devices and hardware.

- c) Clause 4.5 – Requirements on the materials used for fastenings and fixings (new clause).
- d) Clause 9.2 – Requirement on gap dimensions to prevent dislodgement of sliding window panels and the jumping track test.
- e) Clause 9.3 – Fixing of friction stay
- f) Clause 10 – Performance requirements, in particular 10.2.2.8, which is a new test to check on jumping track.

Clarification

6 If you have questions regarding this circular, please feel free to consult the following officers at the contact numbers listed below:

- a) Zhang Long - 6325 8679
- b) Lo Siew Har (Ms) - 6325 8646

Informing Members

7 I would appreciate it if you could convey the contents of this circular to your peers and members of your institutions/organisations.

Thank you.

Yours faithfully



GOH SIAM IMM (MDM)
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