

Code of practice for curtain walls

AMENDMENT NO. 1

April 2023

1. Page 14, 3.20 Embedded channel

Replace the clause with the following:

Steel profile with rigidly connected anchors, in compliance with SS EN 1992-4, installed prior to concreting.

NOTE: Embedded channels are also known as anchor channels in SS EN 1992-4.

2. Page 27, 5.9, Fire stopping

Replace the clause with the following:

The opening occurring at the junction between the edge of a structural compartment floor and the curtain walls shall be fire stopped to prevent the spread of smoke and flame from the lower floor to the upper floor via the opening. The firestopping system shall remain securely in place and provide protection for a period of time no less than the fire resistance rating of the floor assembly. Fire stopping systems shall comply with ASTM E2307.

3. Page 37, 6.17.2 and 6.17.3

Replace “European Technical Approval” with “European Technical Assessment”.

4. Page 40, 7.7.1 General

Replace “backer fin” in the 5th paragraph with “backer rod”.

5. Page 42, 8.2.2 Method statement

Insert the following after (j):

(k) Fire stopping system installation and inspection.

6. Page 43, 8.3.2 Glazing, sealants and fastenings

Replace item (f) with the following:

(f) Complete removal of any filler materials, not limited to plastic, polystyrene, or other non-structural elements, from embedded anchor channels prior to installation of the anchor bolts. Anchors include not only bolts, but also others such as threaded rods, reinforcement bars, etc.

7. Page 44, 8.4.2 Anchor/Fastening testing

Replace the clause with the following:

Anchor/Fastening testing should be completed prior to the installation of the curtain wall brackets. Guidance to testing should be taken from the NA to SS EN 1992-4.

8. Page 53, 10.7 Brackets fastening

Replace the clause with the following:

Anchor/Fastening testing should be completed prior to the installation of brackets. Guidance to testing should be taken from the NA to SS EN 1992-4.

9. Page 87, Bibliography

Insert the following after “JIS H 8602 Combined coatings of anodic oxide and organic coatings on aluminium and aluminium alloys”:

SS EN 1992-4	Eurocode 2 - Design of concrete structures – Part 4: Design of fastenings for use in concrete
NA to SS EN 1992-4	Singapore National Annex to Eurocode 2 – Design of concrete structures – Part 4: Design of fastenings for use in concrete