



Certification Performance Criteria Guidance

B5.3 Building Envelope – Movement Joints

Performance Criteria

Certifiers shall satisfy themselves that the provision of movement joints in the building envelope is adequate and that appropriate details have been prepared.

Background

The building envelope will be subjected to a variety of environmental conditions e.g. thermal, moisture, etc. These can cause movements in the building envelope which, if not properly considered, could lead to a structural failure.

It is important the design makes provision for these movements.

Guidance

The Certifier must be satisfied that adequate provision for differential movement between the cladding elements and the supporting structure has been properly incorporated in the detailing.

The Certifier must see that the locations and details of joints within the building envelope are clearly shown on the building permit plans or that there are suitable notes which unambiguously describe where the joints are to be located. Notes which only state the maximum permitted joint centres are unlikely to be considered as adequate.

Examples of Major Non-conformances

The provision of movement joints in the building envelope clearly does not meet Requirements 1.1, 1.2 and 1.3.

Absence of or inadequate detailing of movement joints in complex cladding systems or on multi-storey buildings.

Examples of Improvement Issues

Absence of or inadequate detailing of movement joints on low rise buildings which do not have complex cladding systems.

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