

**Consultation Feedback on Proposed
Changes to Compliance Documents
B1, B2, C, E1 and G9-G15**

Submission of the

**Cement & Concrete Association of
New Zealand**

to the

Department of Building and Housing

15 February 2010

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Consultation Feedback - Compliance Document Amendments
Building Quality
Department of Building and Housing
PO Box 10729
The Terrace
WELLINGTON 6143

Dear Sirs

CONSULTATION FEEDBACK - COMPLIANCE DOCUMENT AMENDMENTS

Thank you for the opportunity to comment on the proposed changes to Compliance Documents B1, B2, C, E1 and G9-G15.

This submission has been prepared by the Cement and Concrete Association of New Zealand (CCANZ).

CCANZ is at the forefront of the building industry in New Zealand, and is well placed to comment on the proposals contained within the discussion document.

We represent in excess of 300 corporate and individual members who collectively account for the majority of the concrete industry in New Zealand and approximately \$2.8 billion in annual turnover (or 1.8% of New Zealand's 2006 GDP).

Part of our mandate within industry is to liaise with industry sector groups in the preparation of this submission.

Our detailed submission is attached.

Should you have any queries please do not hesitate to contact me.

Yours faithfully



Rob Gaimster
CHIEF EXECUTIVE OFFICER

B1 Structure Compliance Document

Question B1 – 1:

CCANZ **agrees** with the proposed introductory period.

Question B1 – 2:

Comment on Option 2 – Cite New Standards Editions with amendments in the preferred options. The cost increase is negligible, however, additional costs in general are for the safety of society and should not prevent the switch/transition to cite the new standard editions with amendments.

Question B1 – 3:

CCANZ **agrees** with the proposed changes to the references for B1 Structure Compliance Document.

Question B1 – 4:

CCANZ **disagrees with comment** with the proposed changes to B1/VM1 as follows:

Clauses 4.8 and 4.8.1

CCANZ disagrees with the proposed change in respect of the inward collapse. Retain original clause. External walls collapsing inwards is **not** an issue during a fire event. Only outward collapse should be considered and prevented.

Clause 4.8.2(a)

CCANZ disagrees with the proposed change for the reason stated under 4.8 and 4.8.1 above.

Clause 9.3.9.3.13

CCANZ disagrees with the proposed change – sub-clause (b) should be kept as is.

Despite the fact that test results were limited to 300 mm deep units, it is generally accepted that the results/findings can be extrapolated to 400 mm deep units.

Question B1 – 5:

CCANZ **agrees** with the proposed changes to B1/AS1.

Question B1 – 6

CCANZ **agrees** with the proposed changes to B1/AS2.

Question B1 – 7

CCANZ **agrees** with the proposed changes to B1/AS3.

Question B1 – 8:

CCANZ **agrees with comment** with the proposed changes to B1/VM4.

Need to comply with NZ 1170 Suite of Codes for Stability Limit State Combinations under Ultimate Limit State. Also, $S_p = 1.0$ when checking stability combinations involving earthquake effects for **whole** structure under sliding and overturning.

B2 Durability Compliance Document

Question B2 – 1:

CCANZ **agrees** with the proposed introductory period.

Question B2 – 2:

CCANZ **agrees** with the options.

Question B2 – 3:

CCANZ **agrees** with the proposed changes to the references.

Question B2 – 4:

CCANZ **agrees** with the proposed changes to B2/AS1.

C Fire Safety Compliance Document

Question C – 1:

CCANZ **agrees** with the proposed introductory period.

Question C – 2:

CCANZ **agrees** with the options.

Question C – 3:

CCANZ **agrees** with the proposed changes to the references.

Question C – 4:

CCANZ **agrees** with the proposed changes to C/AS1.

E1 Surface Water Compliance Document

Question E1 – 1:

CCANZ **agrees** with the proposed introductory period.

Question E1 – 2:

CCANZ has no comment about the options.

Question E1 – 3:

CCANZ **agrees** with the proposed changes to the references.

Compliance Documents G9-G15

G9 Electricity Compliance Document

CCANZ has no comment on the proposed changes to this document.

G10 Piped Services Compliance Document

CCANZ has no comment on the proposed changes to this document.

G11 Gas as an Energy Source Compliance Document

CCANZ has no comment on the proposed changes to this document.

G12 Water Supplies Compliance Document

CCANZ has no comment on the proposed changes to this document.

G13 Foul Water Compliance Document

CCANZ has no comment on the proposed changes to this document.

G14 Industrial Liquid Waste Compliance Document

CCANZ has no comment on the proposed changes to this document.

G15 Solid Waste Compliance Document

CCANZ has no comment on the proposed changes to this document.