



GUIDELINE

JULY 2004



FREE MONTHLY UPDATE ON BUILDING ISSUES PREPARED BY BRANZ
AND FUNDED BY THE BUILDING RESEARCH LEVY

STEEL BENDERS AGAIN

In the last issue of *Guideline* we made commentary about manually operated steel benders, which bend steel in a manner that make the bend radius too small for all but the smallest reinforcement bars, or the limited application of such benders have been made by the Cement and Concrete Association and BIA. The helpful news is that the benders can be retrofitted with a part that allows it to bend steel to comply with the New Zealand Building Code. The available modification consists of a stand onto which the bender is bolted and a Bendright part which allows bars up to and including 16mm to be bent to satisfy the requirements of NZS 3101 and therefore the NZBC.

The modifying parts are available from What Works NZ Ltd, ph: 025 604 2352.

FORMALDEHYDE

A common compound used in the building industry, formaldehyde is a substance that has been recommended for reclassification by the International Agency for Research on Cancer from "probable" to "known" carcinogen. The Building Industry Federation (BIF) has established a committee chaired by Murray Parrish from Carter Holt Harvey, that will liaise with ERMA and others over issues that may arise from the new consideration of formaldehyde. Contact John Pfahlert, CEO of BIF, Ph: 04 939 9577.

E2/AS1 AND RUBBER MEMBRANE FLASHING

E2/AS1 specifies two types of synthetic rubber that may be used as flexible membrane flashing; Butyl rubber and EPDM (Ethylene Propylene Diene Monomer) rubber. More than a few queries to our helpline suggest that we need to give some information on the availability of these materials. Butyl rubber is available from Skellerup Industries Ltd, who sell 'Butylclad' and Ardex New Zealand Ltd who sell 'Butynol'. E2/AS1 specifies that both types of rubber must be a minimum thickness of 1 mm and that they **must** pass particular tests to comply with ASTM D6134.

EPDM is available from Skellerup Industries Ltd and is sold as 'Epiclad'.

Refer to E2/AS1 clauses 4.3.9 for details.

BRANZ APPRAISALS

There have been recent revisions made to The Building Regulations and to Approved Documents for the New Zealand Building Code (most notably NZBC Durability Clause B2 and NZBC External Moisture Clause E2). BRANZ is currently in the process of reviewing and reissuing Appraisal Certificates affected by the revisions.

To find out whether the Appraisal has been amended to meet the changes in the building regulations and approved documents, refer to the 'Sources of Information', 'References' or

'Bibliography' section of the Appraisal. Listed in this section are the relevant building regulations that prevailed at the time the Appraisal was published, and which were used as the basis for the Appraisal.

People using Appraisals must also satisfy themselves that the requirements of any territorial authority will be met in relation to the proposed product application.

HANDLING TIMBER TREATED BY THE LOSP PROCESS

New safety guidelines for handling timber treated by the LOSP process are available. Light Organic Timber Preservative (LOSP) allows the treatment of kiln dried timber without the need for redrying. Preservatives are introduced to the KD timber using a volatile solvent which then evaporates from the timber leaving the preservative behind. During the process of evaporation it can be harmful to those who handle and work with the timber. The new guidelines recommend that treated timber is allowed to dry for seven days before it is used to allow the solvent to evaporate. The guidelines also give guidance on appropriate safety clothing and equipment. The guidelines are quite specific and can be found on www.nztif.co.nz.

BRANZ EDUCATION

CITE Courses

BRANZ Certificate in Building Compliance for IQPs

10-13 August 2004 Wellington
14-17 September 2004 Auckland

Cost: \$1,350.00 excl. GST (\$1,518.75 incl. GST)

BRANZ Certificate in Adjudication

23-27 August 2004 Auckland
27 Sep-1 Oct 2004 Wellington

Mark in your diaries: BRANZ Certificate in Building Controls (NZQA Approved and Accredited)

Week 1: 18-22 October Auckland
Week 2: 29 Nov-3 Dec Auckland

Cost: \$3,500 excl. GST (\$3,937.50 incl. GST)

For further information please visit: www.branz.co.nz (CITE Industry Training) or contact Fiona McColl, CITE Education Officer on 04 238 1291 or FionaMcColl@branz.co.nz

SEMINAR

Building Weathertightness: New Solutions

This Seminar outlines the basis and requirements for the recently released E2/AS1.

There is still time to attend the last courses in the first two weeks of August being held in Trentham, Invercargill, Cromwell, Dunedin, Manukau, Hamilton, Rotorua, and Tauranga.

To register, ring Gail King on 04 237 1170 or register online: www.branz.co.nz.