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*BUILDING ADVISORY SERVICES BRANCH*

# BUILDING NOTE

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## Glazing and Window Standards

At 1 July 1999, AS2047 - 1999 (Windows in buildings - selection and installation), was referenced in the Building Code of Australia (BCA) as part of Amendment No. 5. Since that time, many enquiries have been received about how the reference in the BCA should be interpreted and the intention of referencing both AS2047 and AS1288 - 1994 (Glass in buildings - selection and installation).

At Amendment No. 5 to the BCA, AS2047 was referenced as a Deemed-to-Satisfy Provision for the structural Performance Requirement BP1.1 in Volume One of the BCA (Class 2-9 buildings) and both the structural and weatherproofing Performance Requirements P2.1 and P2.2.2 in the Housing Provisions (Class 1 and 10 Buildings).

Because AS1288 continued to be referenced in respect of those Performance Requirements, compliance with the Deemed-to Satisfy Provisions of the BCA for windows in buildings may be achieved by complying with the relevant parts of either AS1288 or AS2047. It should be noted however, that if the option of complying with AS1288 is selected, wind loads from AS1170.2 must be used rather than those specified in AS2047 for windows in housing. The current option of windows complying with either of AS1288 or AS2047 provides industry with time to have their products tested to the requirements of AS2047.

It is intended that at Amendment No. 7 to the BCA (1 July 2000), the method of referencing the two Standards will be altered so that AS1288 will be deemed to meet the structural Performance Requirements for glazing and AS2047 will be deemed to meet both the structural and weatherproofing Performance Requirements for windows. This will mean that from Amendment No. 7, windows will be required to comply with the relevant parts of AS2047 if they are to meet the Deemed-to-Satisfy Provisions of the BCA. A summary of the current and proposed situation regarding the BCA reference to AS1288 and AS2047 is contained in the following table.