

**Alpine Building Permits**

Shop 4, 1a Camp Street,  
 PO Box 589,  
 Bright, Victoria, 3741

Phone: 035755 1589  
 Fax: 035750 1389  
 ABN: 34 537 964 815



[info@alpinebuildingpermits.com.au](mailto:info@alpinebuildingpermits.com.au)  
[www.alpinebuildingpermits.com.au](http://www.alpinebuildingpermits.com.au)

**SHOWERS – ALTERNATIVE SOLUTION REQUEST**

To: Alpine Building Permits,

Property Address: \_\_\_\_\_

I \_\_\_\_\_ hereby request that you allow me to vary from the BCA 'deemed to satisfy' provisions and allow my bathroom/ensuite to be constructed as follows.

- Using a frameless/semi-frameless shower screen without the floor located outside the 'enclosure' graded to a floor waste and without a 'waterstop' installed 1.5m from the shower outlet.

Deemed to satisfy BCA provisions

- 3.8.1 Definitions
  - "shower area enclosed" means the area enclosed by screens ... but excludes "A shower fitted with a frameless or semi-frameless shower screen or shower curtain or the like".
  - "shower area 'unenclosed'" means the area that is open on one or more sides extending in an arc on the open sides, 1500mm from the shower connection at the wall".
- 3.8.1.20 Unenclosed showers  
 Unenclosed shower must be constructed as follows:
  - i. At the extremity of the shower (i.e. 1500mm from outlet) a waterstop must be installed so that its vertical, leg will finish –
    - a. Flush with the floor level (see figure 3.8.1.12), and
    - b. \_\_\_\_\_ or
  - ii. The whole of the wet area floor must be waterproofed and drained to a floor waste as for the shower area.

BCA Performance Requirements

**P2.4.1 Wet Areas**

To protect the structure of the building and to maintain the amenity of the occupants, water must be prevented from penetrating:

- a. Behind fittings and linings; or
- b. into concealed spaces at sanitary facilities, bathrooms, laundries and the like.

Assessment methods used to determine compliance with the Performance Requirements

'Verification Method' and 'Expert Judgement'.

Information from the agent of the owner/owner supporting the request for the 'alternative solution' (please tick).

- The entire floor of the bathroom containing the shower has been fully waterproofed (membrane) in accordance with Part 3.8.1 BCA.
- The shower screen and/or shower screen door system will be designed and constructed to prevent excess water from penetrating the screen/door and causing damage to the building framework, linings or concealed spaces.
- The shower screens/doors will be constructed to prevent any water leaving the 'enclosure' and resulting in water pending outside the enclosure during the normal typical everyday use of the shower.
- The floor of the shower will be graded to a floor waste as per the BCA requirements.

**RBS Determination**

After considering the above request from the agent of the owner/owner and inspecting the property I hereby allow the shower to be constructed as requested in this application. This determination is based on our expert opinion formed over the previous 20 years experience and the inspection at over 25,000 domestic buildings built in a similar fashion.

Signed:

Agent/Owner: \_\_\_\_\_

Date: \_\_\_\_\_

Relevant Building Surveyor: Phil Davern BSU 1481

Date: \_\_\_\_\_

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