

**BC BUILDING CODE INTERPRETATION COMMITTEE
AIBC, APEGBC, BOABC, POABC**

INTERPRETATION

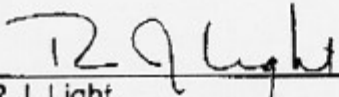
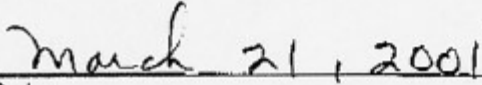
Interpretation Date:	March 21, 2001	File No.
Building Code Edition:	BC Building Code 1998	98-0020
Subject:	On-site constructed fixtures	
Keywords:	On-site showers	
Building Code Reference(s):	7.2.2.3.(1)	Page No. 1 of 1

Question:

The 1992 BC Plumbing Code contained specific requirements for on-site constructed fixtures. Does the 1998 edition require that on-site constructed shower bases meet all the same requirements as those stated in the 1992 code edition and is there a drawing available for acceptable construction?

Interpretation:

No, the 1998 edition lacks any such details and simply states "Every shower receptor shall be constructed and arranged so that water cannot leak through the walls or floor." One method of acceptable installation criteria that code users may use to achieve this objective is provided by Plumbing Officials' Association of British Columbia (POABC) Interpretation #2008.
(See attachment - 2 pages)

 _____ R.J. Light Committee Chair	 _____ Date
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POABC INTERPRETATION

PLUMBING OFFICIALS' ASSOCIATION OF B.C.

Manual Reference Section: 2	1998 Code Reference: Sentence 7.2.2.3. (1) Sentence 2.5.1.1. (1)
Date: February 21, 2001	
Interpretation No.: 2008 Revised	

Questions:

The 1992 BC Plumbing Code contained specific requirements for on-site constructed fixtures.

The 1998 BC Plumbing Code lacks any reference for acceptable on-site constructed plumbing fixtures. Is there a drawing available for acceptable construction?

Interpretation:

The drawing on page two has been accepted for many years and has provided excellent durability for the user. Some consideration should be given for acceptable variations and inspections as follows:

1. The drain outlet must be minimum 1½" size and subject to sizing for number of heads served.
2. The base must be designed so that no water can accumulate between the membrane and tile surface.
3. Self draining can be accomplished by recessing the drain or sloping the floor with plywood or concrete.
4. The liner must be water tested by plugging the outlet of the drain and filling with water to threshold height. This will facilitate testing of the clamping collar below the membrane.
5. When test is removed no water should remain in the liner.
6. Weep holes to remain open by the use of cotton wicking or other effective means.

Further Explanation:

1. POABC recommends acceptance under equivalency Sentence 2.5.1.1. (1) of the following membranes with the appropriate adhesives:

<u>Liner</u>	<u>Adhesive</u>
Chloroloy – 30 mil	Nobleweld 100
Perma-Gard – 30 mil	Aquaproof AQS, Weld-On 66, Weld-On 660
West Point / Aquaproof	Aquaproof 40, Aquaproof AQS, Weld-On 66, Weld-On 660
Pasco – 30 mil	Pasco 3008
Dix Systems "OneLiner"	Installed in strict compliance with manufacturer's instructions dated February 7, 2001.

2. For slab on grade installations only:

Laticrete 9235	Installed in strict compliance with manufacturer's instructions.
Mapei PRP 315	Installed in strict compliance with manufacturer's instructions.

Note: Xylene is no longer acceptable under Worker's Compensation MSDS requirements.

Approved:	VIPCC	33-89 FAX	LMPCC	
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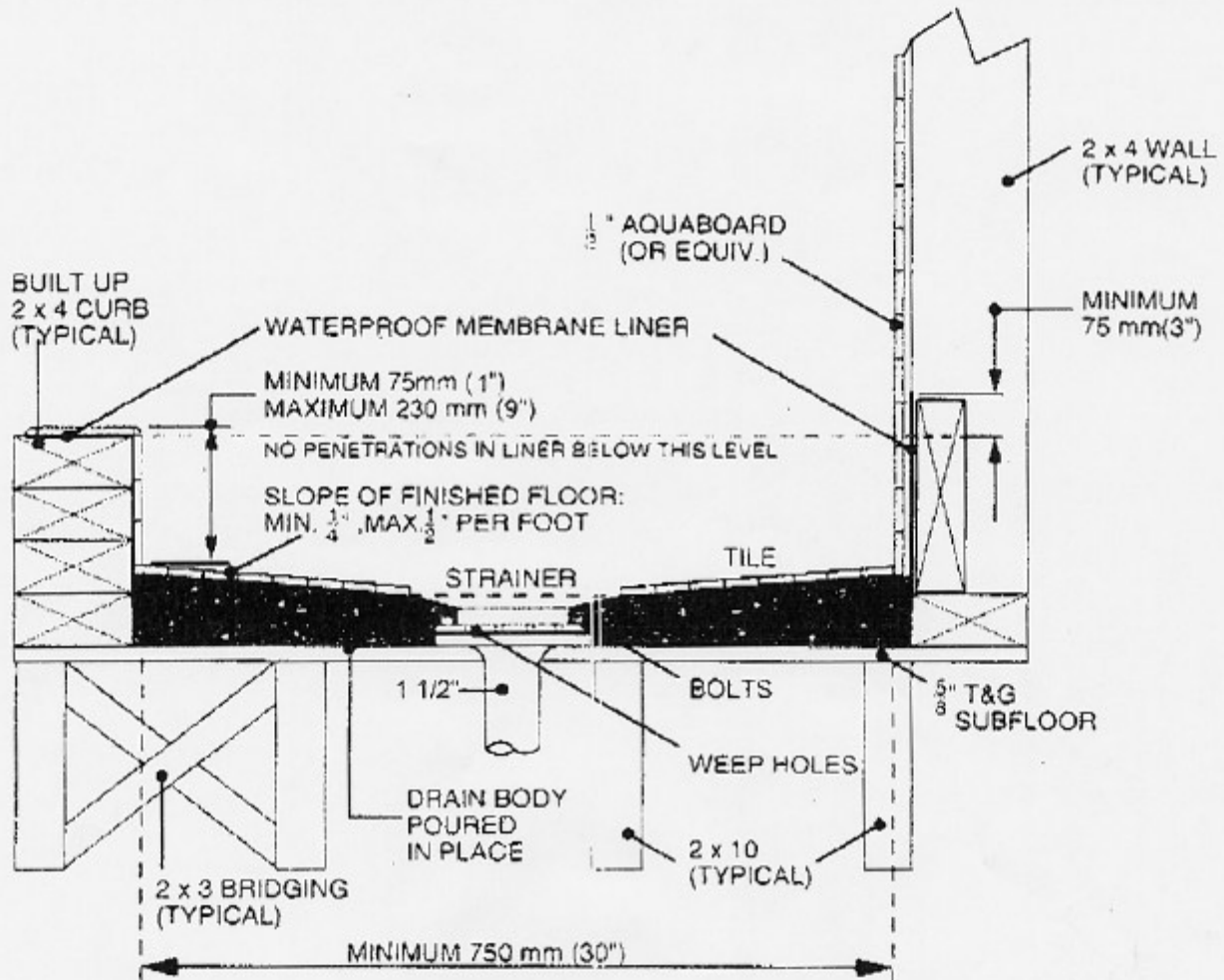


POABC INTERPRETATION

PLUMBING OFFICIALS' ASSOCIATION OF B.C.

Interpretation No.: 2008 Revised

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ON SITE CONSTRUCTED SHOWER BASE

- Backing to be installed between studs to support liner.
- Weep holes must be protected from blockage.
- Liner shall be water tested to flood level rim.
- The Min. usable area shall be 580,000 sq. mm (900 sq. in) with no dimension less than 750 mm (30 in)
- No material that may be harmed by moisture shall be used inside the liner.
- A shower door shall not open inside the shower stall.

Approved: VIPCC

JS - BY FAX

LMPCC