

Southwest Washington Chapter of ICC

This construction detail is illustrative of the minimum standard
of construction based upon the 2021 IRC / WAC 51-51

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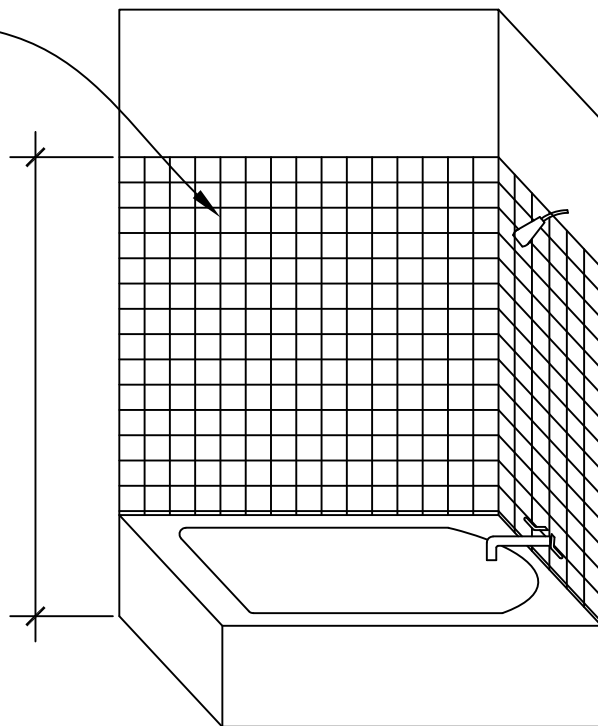
R702.4.2 Backer boards.

Materials used as backers for wall tile in tub and shower areas and wall panels in shower areas shall be of materials listed in Table R702.4.2, and installed in accordance with the manufacturer's recommendations.

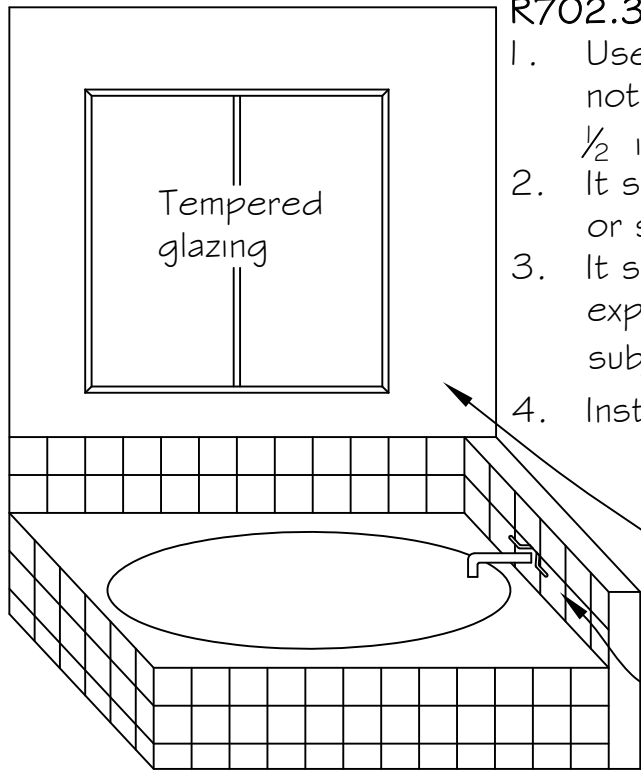
Backer Board Materials - Table R702.4.2

- Glass mat gypsum backing panel
- fiber-reinforced gypsum panels
- Nonasbestos fiber-cement backer board
- Nonasbestos fiber mat reinforced cementitious backer units

72" min.



TUB/SHOWER OR SHOWER



R702.3.7 Water-resistant gypsum backing board

1. Use shall be permitted on ceilings where framing does not exceed 12" o.c. for $\frac{1}{2}$ inch and 16" o.c. for $\frac{5}{8}$ ".
2. It shall not be installed over a vapor retarder in a tub or shower compartment.
3. It shall not be used where there will be direct exposure to water, or in areas subject to continuous high humidity, per R702.3.7.1
4. Install per manufacturer's recommendations.

Vapor barrier not allowed behind
water resistant gypsum board

Water resistant gypsum board
allowed at soaking tub surround with
no shower fixture

SOAKING OR JETTED TUB