



# TILE SHOWER WALLS / SURROUNDS:

It has become evident that the common construction practice of using water resistant gypsum board (green board) as backing/underlayment for tile in shower walls is not providing adequate long term protection. Without constant maintenance of the tile and grout, water damage occurs and subsequent costly repairs are required.

Therefore:

The City of Davis has amended the Building Code to prohibit the use of adhesive applied tile shower walls over water resistant gypsum board.

Either of the following construction methods will be approved:

A:

- Gypsum Board
- vapor barrier (typically 15# roofing felt, or per installation instructions)
- cement backer board or lath and mortar

Inspections:

Nail inspection after Gypsum Board is installed  
Vapor Barrier inspection  
Lath or CBU fastener inspection  
Final inspection

B:

- Approved vapor barrier installed over framing (studs). Not installed with some products, i.e. Dens-shield™
- Tile backer board installed per manufacturer's instructions.
- Ceramic (or other) tile installed over the tile backer board.

Inspections:

Vapor barrier inspected at insulation inspection.  
Nail inspection.  
Final inspection.

Other materials/methods that provide equivalent protection may also be approved. If you wish to use alternate methods or materials submit specifications, installation instructions, and ICBO Report (or other listing agency report) with permit application.

Note: If the shower valve is to be replaced you must use one which is equipped with an "anti-scald" or "pressure-balanced" control.