

GG244-14

806.7 (New), 806.7.1 (New), 806.7.2 (New)

Proponent: Jonah Cecil Scheib, Urban Green Council, representing Urban Green Council (cs@urbangreencouncil.org)

Add new text as follows:

806.7 Mold resistant board. Board used for walls shall be resistant to mold in accordance with Sections 806.7.1 and 806.7.2.

806.7.1 Cement board. The base for wall tile and wall panels in shower and bath surrounds for a height up to 70 inches (1778 mm) above the drain inlet, shall be composed of cement board, fiber-cement or glass mat gypsum backers in compliance with ASTM C1178, C1288, or C1325 and installed in accordance with manufacturer recommendations. Gypsum board shall not be used in such locations.

806.7.2 Mold resistance. Gypsum board or cement board shall have a mold resistant rating of not less than 10 in accordance with ASTM D3273 in all of the following locations:

1. Walls of basements and other below grade rooms.
2. Walls of mechanical rooms and closets housing air conditioning equipment.
3. Rear walls of fan coil or unit ventilator type HVAC unit chases.
4. Ceilings beneath cold water pipes.
5. Ceilings beneath air handlers in ceiling plenums.
6. Ceilings in bathrooms that do not contain a shower area.
7. Walls of plumbing chases.
8. Walls of laundry rooms.
9. Walls beneath kitchen sinks and splash areas above sinks.
10. Walls behind kitchen stoves.
11. Walls of bathrooms that are not solely water closet compartments, other than walls specifically required being cement board.
12. Walls and ceilings in maintenance rooms and service sink rooms.

Add new standard(s) as follows:

ASTM

C1178/C 1178M-11 Specification for Coated Mat Water-Resistant Gypsum Backing Panel

C1325-08b Standard Specification for Non- Asbestos Fiber-Mat Reinforced Cement Backer Units

C1288-99(2010) Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets

D3273-12 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber

Reason: This proposal improves mold resistance in areas that are especially vulnerable to mold growth, such as bathrooms and basements. Mold is linked to many health problems and is notoriously difficult to combat. Similar regulation is pending in New York City.

Bibliography: Urban Green Council, Green Codes Task Force, Health and Toxicity Proposal 7.

Cost Impact: Will not increase the cost of construction

Analysis: A review of the standard proposed for inclusion in the code, ASTM D3273-12 with regard to the ICC criteria for referenced standards (Section 3.6 of CP#28) will be posted on the ICC website on or before April 1, 2014. ASTM C1178, C1288, or C1325 are currently referenced in the IRC.

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