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## bathroom electrical outlets Moisture in Bathroom Electrical Socket

Posted by Nate - 2008/06/26 00:00

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I have noticed the odd drip of water coming out of one of my master bathroom electrical sockets. When I removed the socket cover I noticed that it was quite damp inside, a little bit of mildew under the cover plate and the immediate drywall a little damp around the socket area. This wall is an exterior wall with wooden/hardy plank siding on the outside. Any ideas where the water could be coming from? I thought perhaps that I could have a leaky pipe since the pipes to the bath and basins are on the same wall, however the wall socket is a couple of feet higher than the faucets. I also thought that perhaps water was coming through the siding of the house and building up moisture in the wall which was being released into the house via the electrical socket - it is the only electrical socket in the room against an exterior wall, all the other electrical outlets are on interior walls. I wondered if it was just bathroom moisture accumulating in that spot, but the other electrical sockets have no such moisture accumulation. Any help in trying to figure it out would be appreciated. TIA, Nathan

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Posted by Gfretwell - 2008/06/26 00:00

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Let me guess ... the humidity outside is 99% and you have the A/C on? I am betting on condensation. You need to get some kind of vapor barrier in there or some better insulation behind the box. I bet when they set it they just cut the insulation around the box and there is none behind it. Maybe some spray foam shot through the holes in back of the box? Just keep it out of the box as much as possible. **TURN THE POWER OFF** before you start <but you knew that

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