

Howard Ehrsam

From: Howard Ehrsam [howard@chinesedrywallscreening.com]
Sent: Sunday, July 26, 2009 11:38 PM
To: Howard Ehrsam
Subject: Chinese Drywall - Teflon Field Study
Attachments: Coated coil with corrosion.pdf; CDS teflon field study.pdf

This past February, I had to replace the evaporator coil for the 2nd time in my investment condo that has tainted Chinese drywall. This means the coils are lasting about 14 months before the corrosive affects cause the coil to leak freon and need replacement. Knowing the 3rd coil was doomed for the same fate, I have been trying to think of ways to inexpensively extend the life. Key word is inexpensively since I have a large payment to make on a property I can't rent, sell or live in. I have heard it can be \$500 to \$600 dollars to take out the coil and have it treated with protective coating. In a recent inspection, we found that the corrosive affects ate right through the coating in several places in just a few months (see attached).

I was going to try some oil based products but an A/C contractor told me this would attract debris and eventually clog the coils. He recommend a teflon based product designed for A/C coils. Theoretically, the teflon would provide a mild protective coating but slick enough to avoid any build up. On July 3rd the technician sprayed my coils with a heavy dose of the teflon solution. He gave me 2 clean sections of copper pipe to use as test samples. I coated one with teflon and left the other one untreated. I placed the 2 samples on top of the filter under the coils. I was pleasantly surprised with the results. There is an obvious difference in the 2 samples. See attached document illustrating the affects and differences.

There's no guarantee it extends the life of the coil but I would deduct from this that it would certainly help, hopefully long enough until I can resolve the issue with Chinese drywall and make repairs.

If you're interested in trying the same thing on your coils, the A/C company that did the coating for me is:
All Tech Refrigeration, Inc
Marc Bergerman
772-398-4428

I continue to add contacts to my newsletter group, if you would not like to receive future updates please let me know and I will remove you. If you were forwarded this e-mail and want to be added to the list, send me an e-mail with "add me to CDS Newsletter group" in the subject line.

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