

Case Study

Atlanta Area Builder and Remodeler Choose NCFI 2020 PLUS® to Solve Insulation Problems

Location: Atlanta, GA

Dick Dunn of Dick Dunn & Associates, Inc., an Atlanta-based builder of custom homes and town homes, has been involved in residential real estate and construction all his life.

“As a boy, I ‘scrapped out’ for my dad. I cleaned up the con-

struction debris left by the tradesmen in the houses my dad was building. During summers, I worked with the crews,” says Dunn.

fiber batt paper facer had become brittle and was loose from the glass fiber. The glass fiber batt was falling away from the facer and had settled.”

“I’ve always given my customers high end materials and products. I tend to build on the upper end of quality. That’s my reputation.

proved sound proofing, the reduction of drafts and the closure of cracks that spiders, bugs and so forth can get in. All of these little things seem unimportant but altogether my customers realize they are getting good value.”

And of course there’s the energy savings. Continues Dunn, “One of my customers is a retired



Old Marietta, Dick Dunn & Associates’ subdivision of 15 cluster homes.



Magnolia Park, a townhouse complex by Dick Dunn & Associates.

When Dunn began building houses for his own company, he installed the same insulation system everyone else was—glass fiber batts. But experience suggested there might be a better product. Says Dunn, “There was a house we renovated. The section we renovated had been constructed in the late 50’s or early 60’s. The glass

“I started using spray-applied polyurethane foam on this project [‘Old Marietta,’ a subdivision of 15 cluster homes]. The first house was in ‘95 or ‘96. We installed 1½ to 2½ inches on exterior walls. Most were about 2½ inches. When we have exposure in a vault or knee wall we’ll foam these as well.”

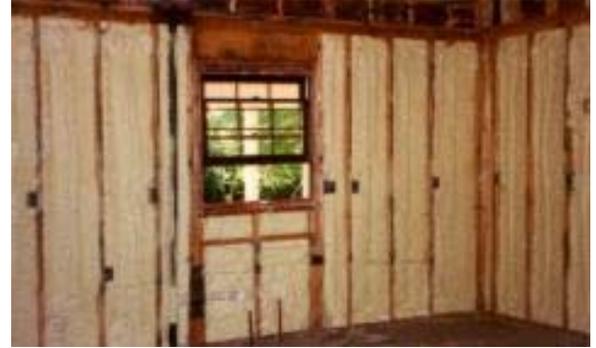
“At first, I was concerned about the additional cost of the spray foam, but the value is so much greater. There’s the lack of opportunity for mold growth, im-

engineer. He encapsulated his entire house with spray foam. His typical heat bill [natural gas] in the coldest winter months is less than \$100 per month. Typically around here heat bills run \$300 - \$400 for the coldest month. He’s had similar experience with electrical air conditioning: no month greater than \$100. He’s been in his home for 3 years and has already recovered his additional expense.

“One thing I was unaware about at first: because the foam goes in wet and fully adheres to the

NCFI RESIDENTIAL INSULATION CASE STUDY

NCFI 2020® PLUS spray-applied polyurethane foam insulation is sprayed on as a liquid which immediately foams and rises in place to fill and seal all the cracks and crevasses in the stud wall cavity. Glass fiber batts (two pictures far right) are subject to gaps resulting in air leakage, moisture infiltration and reduced R-value.



studs and sheathing, the foam provides stiffening and strengthening of walls. Especially a balloon wall that goes several stories. It was an unexpected feature and value of the product.”

Danny Feig-Sandoval, of Small Carpenters at Large, Inc., discovered similar attributes on projects he’s worked on. Small Carpenters at Large specializes in residential remodeling and has been using spray foam since January 2000. Many of the projects on which Danny has used spray foam have been attic conversions to liv-

ing space. The foam has been applied to the underside of the exposed roof deck to insulate the ceiling of the new living space.

“We first tried spray-applied polyurethane foam on an attic job,” remarks Danny. “It was amazing. We did the job in January. Once the foam was applied, we could immediately tell the temperature difference. I was pretty convinced at that point.

“I like the element of structurability the foam provides; there’s more ‘beef’ to it. It feels much stronger, there’s no sound transfer

and a lot less bounce to the floor.”

Discover what Atlanta builders and remodelers have and see how NCFI 2020 PLUS insulation will mean more value for you!



Using products with the Energy Star® label can save energy. Saving energy reduces air pollution and lowers utility bills. As an Energy Star Partner, NCFI has determined that this product can significantly contribute to meeting the Energy Star guidelines for energy efficiency.

WHEN JUST INSULATION ISN'T ENOUGH®



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