Residential Uses of EIFS System

A Winner in Nashville

Tom Cherry is a contractor who knows the value of a good exterior system. So when he designed a custom-built home to enter into the Board of Realtors’ Parade of Homes competition in Nashville, Tennessee, last year, he placed the same exterior on it that he has on his own home — Dryvit®Sprint™.

“I was looking for a clean look,” said Cherry, of Tom Cherry Construction in Hendersonville, Tennessee. “The look we achieved with Sprint has more class to it than brick.”

That was an important consideration for Cherry because, out of nearly 20 homes that were entered in the competition, all but two were built with brick.

When the judges had reviewed the entries, they chose Tom Cherry’s house for the Best Exterior award. And the reward for that honor was to display the house on the front cover of the
Home Show brochure that was circulated in the Sunday Nashville Tennessean with a circulation of more than 260,000.

Cherry found that using Sprint helped him make up construction time during the spring rains. “It’s harder to lay brick during rain,” he said, “because you can’t push wheelbarrows through the mud.”

The two-story house that Cherry constructed included quoins and pilasters, both of which simulate the look of stone but at far less expense. The accents were Dover Sky color and the house Gull Gray in a light-textured, sand-like appearance.

Sprint in Kansas City

Hallbrook Farms is the newest upscale subdivision in metropolitan Kansas City — just the neighborhood where Gerald and Luan Beckloff were anxious to build their two-story dream house.

They wanted more than just a house. They wanted a distinctive-looking home that would not require a lot of exterior maintenance.

Their architect, Wolfgang Troust of Kansas City, Missouri, suggested Sprint, which is sold with a five-year material and labor warranty.

The Beckloffs had traveled to the West Coast, where the stucco look is popular, and so were familiar with the look; but Troust pointed out that Sprint, with its acrylic base, enjoys several advantages over stucco: it does not absorb moisture, it does not crack, and it does not discolor. And its insulation board increases the building’s R-value, which leads to savings for both heating and air conditioning.

To create visual excitement in design, grooves were routed out of the rigid polyisocyanurate foam-core insulation, which allowed the designers to achieve a cut-stone look for the lower base of the house. Alterations in the thickness of the insulation foam, simply by layering the foam, were placed around windows and doors for accent.

A textured custom lavender-like color was chosen for the 4,400 sq. ft. home. The two bands that encircle the house, one at the base and one at the top of the first story, were cut from insulation board and are each 12 inches wide and one inch thick. For aesthetics, a second band, which is three inches wide by one inch thick, was wrapped around the top of the upper band. For both bands, a 45-degree angle was cut at the top to prevent moisture from accumulating. Extra trim was provided around windows and door frames for design.

The Dryvit Sprint system was designed specifically for the residential construction market. It incorporates all of the advantages of an exterior insulation and finish system (EIFS) with superior insulation properties, weather barrier, ease of construction, and aesthetics.

Rapid installation is possible because the system is placed directly over the framing with adhesive. No additional substrate is needed. Other features include corrosion-resistant fasteners used with an approved plastic washer; mesh to give added strength at the joints; and a polymer-modified base coat mixed at the job site. The base coat is applied directly to the insulation board which has been covered with the mesh.

The final component consists of an acrylic-based finish for durability and beauty.

“It’s harder to lay brick during rain, because you can’t push wheelbarrows through the mud.”