CASE STUDY: 3-Coat Stucco & Thin Stone over STYROFOAM SIS



BACKGROUND:

3-Coat Stucco & Thin Stone veneers were installed over STYROFOAM SIS sheathing on a three story, ~5000 SF house near Kansas City, MO, in 2014.

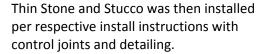


CONSTRUCTION:

This home is a typical light-framed wall construction with studs spaced at 16" OC. STYROFOAM SIS was installed, sheathing seams taped, & flashing tape applied to create the primary drainage plane (WRB).

Paper-backed metal lath was next installed directly over the SIS sheathing system as the outer WRB layer & scratch coat anchor. Lath was

structurally attached through the SIS to framing every 6" to 7" vertically, and fastened to SIS between framing as necessary to smooth and flatten.







CONTRACTOR / OWNERS TESTIMONY:

SIS was extremely easy to work with vs. OSB. It was rigid, yet light—weight and easy to cut.

Moving into a larger home we were really concerned with energy bills. I am extremely happy with the SIS; it provides an additional barrier that really keeps the heat in. One area that I was not anticipating the SIS providing was reduced noise. The SIS really blocks out the neighborhood noises even in my garage.

