



ZIP System® Sheathing and Exterior Insulation and Finishing Systems (EIFS)

Exterior Insulation and Finishing Systems (EIFS) are Non-load bearing, exterior wall cladding systems that consists of an insulation board attached either adhesively or mechanically, or both, to the substrate; an integrally reinforced base coat; and a textured protective finish coat.¹

The 2006 International Residential Code (IRC) requires:

- EIFS systems to be installed per manufacturer's installation instructions
- EIFS to have a water-resistive barrier (WRB) between water sensitive building components and the exterior insulation
- EIFS systems to have a means of draining water (drainage plane) to the exterior of the veneer

ZIP System Wall Sheathing panels when installed with all seams sealed with ZIP System™ tape provides an alternate to the water-resistive barrier required in Chapter 14 of the IBC and Chapter 7 of the IRC.

Drainage Plane--- A path provided by water repellent materials (building paper, house wrap, foam insulation, proprietary drainage medium products etc.) which are part of or are located between the cladding and the water resistive barrier (WRB) and are designed and constructed to freely drain water that passes through the cladding. These materials and products are interconnected with flashings, window and door openings, and other penetrations of the building enclosure to provide drainage of water to the exterior of the building. The water resistive barrier is typically part of the drainage plane. The materials that form the drainage plane overlap each other shingle fashion or are sealed or taped so that water drains down and out of the assembly. With drainable EIFS systems, supplemental means of draining water out of the wall system may be needed in addition to the water resistive barrier behind the cladding. These may include channel backed foam insulation, drainage mats, spacer strips, or other proprietary drainage medium products or systems.

Code recognized mechanically fastened drainable EIFS systems installed per manufacturers installation instructions are covered within the current Zip Warranty.

Adhesively adhered systems are not presently covered within the current Zip Warranty.

References

1. ASTM E2110-03

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