

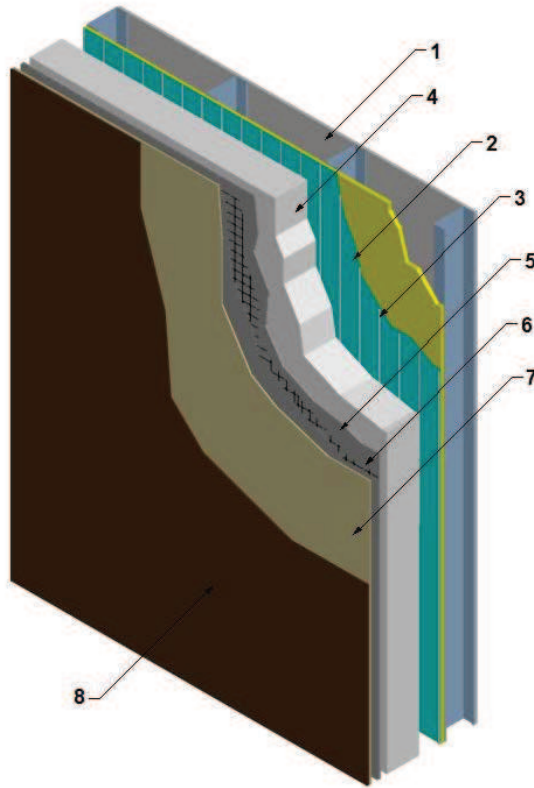
Adex Design listing Wall System ASI-DAFS 25-01

Division 7 – Thermal and Moisture Protection
07 24 00 Exterior Insulation and Finish Systems
07 24 23 Direct Applied Finish Systems

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Design Number: ASI/DAFS 25-01
EXTERIOR WALL SYSTEMS
Adex Systems Inc.
Adex Wall System
CAN/ULC S-134 (1992)

Meets the Requirements of Section 3.1.5.5 of the National Building Code of Canada, 2010



1. NON LOADBEARING WALL ASSEMBLY: Construct a non-loadbearing wall assembly that shall comply with the National Building Code of Canada or other applicable regulatory requirements when those are greater.
2. WATER RESISTIVE BARRIER: Apply one of the following membrane systems

to the exterior side of the non loadbearing wall assembly (Item 1):

- A. Hydroflex – STD Cementitious air/moisture barrier, applied in accordance with manufacturer's instructions or,
- B. Hydroflex – VP Acrylic resin air/moisture barrier, applied in

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- accordance with manufacturer's instructions or,
- C. Hydroflex – WO Acrylic resin air/moisture barrier intended for installation over plywood substrates, applied in accordance with manufacturer's instructions or,
- D. Hydroflex – AD Acrylic resin air/moisture barrier for residential applications, applied in accordance with manufacturer's instructions.
3. TRANSITION MEMBRANE AND BASECOAT: Place the self adhering Adex A-Flex tape (30 mil thick, 4 to 12 in. wide) rubberized asphalt membrane with a polyester top surface to seal all junctions between the substrate and other materials. Use of the A-Flex primer is necessary. Apply Adex basecoat adhesive as vertical ribbons onto the approved membrane (Item 2) on the wall using a 3/8 in. x 1/2 in. U-notched trowel and place horizontally the insulation boards.
4. INSULATION BOARD: Use maximum 4 inch (101 mm) thick expanded polystyrene (EPS) GD insulation board manufactured under a quality assurance program and conforming to CAN/ULC S701 Type 1 (flame spread rating less than 500 as per CAN/ULC S102.2).
5. BASE COAT: Apply Adex Basecoat to the exterior side of the insulation board (Item 4). Adex Basecoat is mixed with Portland Cement Type GU in a 1:1 ratio by weight and trowel applied to the complete surface. A reinforcing mesh (Item 6) is embedded into the Adex Basecoat and additional coats are applied to ensure the mesh is completely embedded. The final thickness of the base coat is minimum 1.6 mm (1/16 in.).
6. REINFORCING MESH: : Apply Adex fiberglass mesh (minimum 4.5 oz) with the edges overlapped 2.5 in. (64 mm) minimum and embedded into the base coat (Item 5). Edges of Insulation Boards (Item 4) that meet dissimilar substrates, terminations, wall openings, etc. shall be back wrapped.
7. PRIMER: Apply Adex Primex liquid coat as a priming agent for Adex finish coats.
8. FINISH COAT: Trowel-apply the Adex Finish Coat over the dried-primer (Item 7) in accordance with Adex's installation guidelines for the specific finish.

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