

FWFOC.EW2 Exterior Wall Insulation and Finish Systems

[Page Bottom](#)

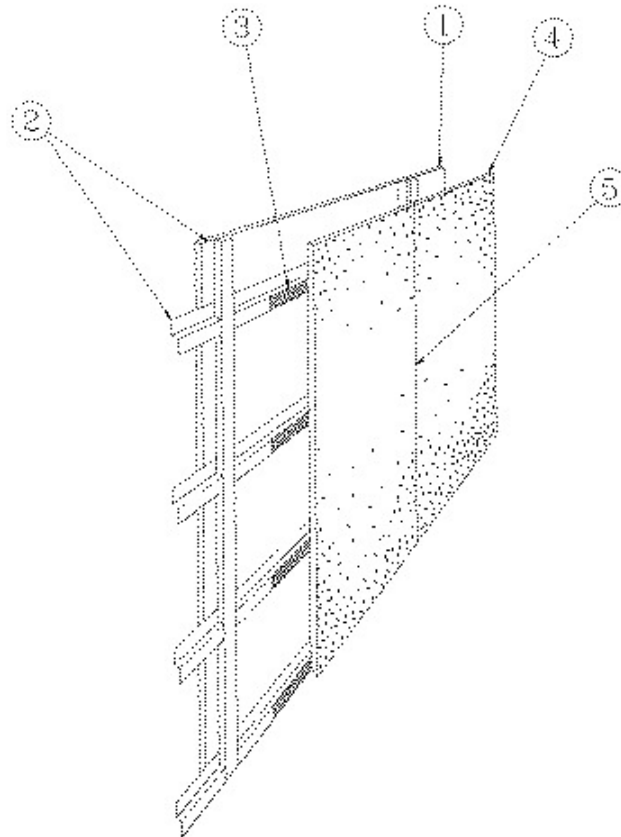
Exterior Wall Insulation and Finish Systems

[See General Information for Exterior Wall Insulation and Finish Systems](#)

System No. EW2

May 02, 2006

EXTERIOR WALL INSULATION AND FINISH SYSTEM



1. **Floor and Ceiling Tracks** — 95 mm deep by 32 mm wide channel, 0.91 mm thick galvanized steel, attached to masonry or concrete with fasteners spaced 600 mm OC.

2. **Steel Studs** — 95 mm deep by 32 mm wide channel, with 6 mm lip on each flange tip, 0.91 mm thick galvanized steel, fastened to the floor and ceiling tracks, spaced 305 mm apart. Studs have 38 mm cutouts.

3. **Bracing** — 38 mm wide by 12 mm deep channels, 1.52 mm thick galvanized steel are inserted in the stud cutouts at 1500 mm OC.

4. **Mineral and Fibre Boards** — CERZC (Guide No. 40U18.13). Nominal 12.7 mm thick cement board designated "Perma Base" fastened to the studs by means of Type S drywall screws, 30 mm long, spaced 200 mm OC along board edges and 300 mm OC in the field of the board. 50 mm wide mesh tape and mastic compound designated as Durabond

Mastic 100 plaster was used to fill the joints between the boards.

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■ **5. Component for Exterior Wall and Finish System** — FWFXC (Guide No. 40 U23.5.3). Base coat adhesive trowelled onto the exposed side of the cement board at the rate of 3.4 kg/m². The base coat is prepared by mixing 3 parts by weight of Durex Uniplast patch coat powder with 1 part by weight of Durex Acrybond S liquid bond.

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6. **Rigid Roof Insulation** — 50 mm thick by 610 mm wide by 1220 mm long Type 1 expanded polystyrene insulation board, attached to the studs by means of 60 mm long self-tapping screws and washers at 305 mm OC.

7. **Heavy Reinforcing Fabric** — 550 mm wide glass-fibre woven mesh, 0.67 kg/m², attached to the insulation boards and tracks by means of self-drilling, self-tapping screws.

■ **8. Component for Exterior Wall and Finish System** — FWFXC (Guide No. 40 U23.5.3). Two coats of Durex intermediate coating consisting of (Item 5) applied at the rate of 3.4 kg/m² (per coat) over Item 7 with vertical strips of a light reinforcing fabric designated "Durex Intermediate Reinforcing Mesh" (0.17 kg/m²) pressed by a trowel on the wet surface of the first coating.

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■ **9. Component for Exterior Wall and Finish System** — FWFXC (Guide No. 40 U23.5.3). Durex architectural coating applied at the rate of 2 kg/m² on top of the dried intermediate coating (Item 8). Average thickness of this coat is 1.25 mm.

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[Page Top](#)

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