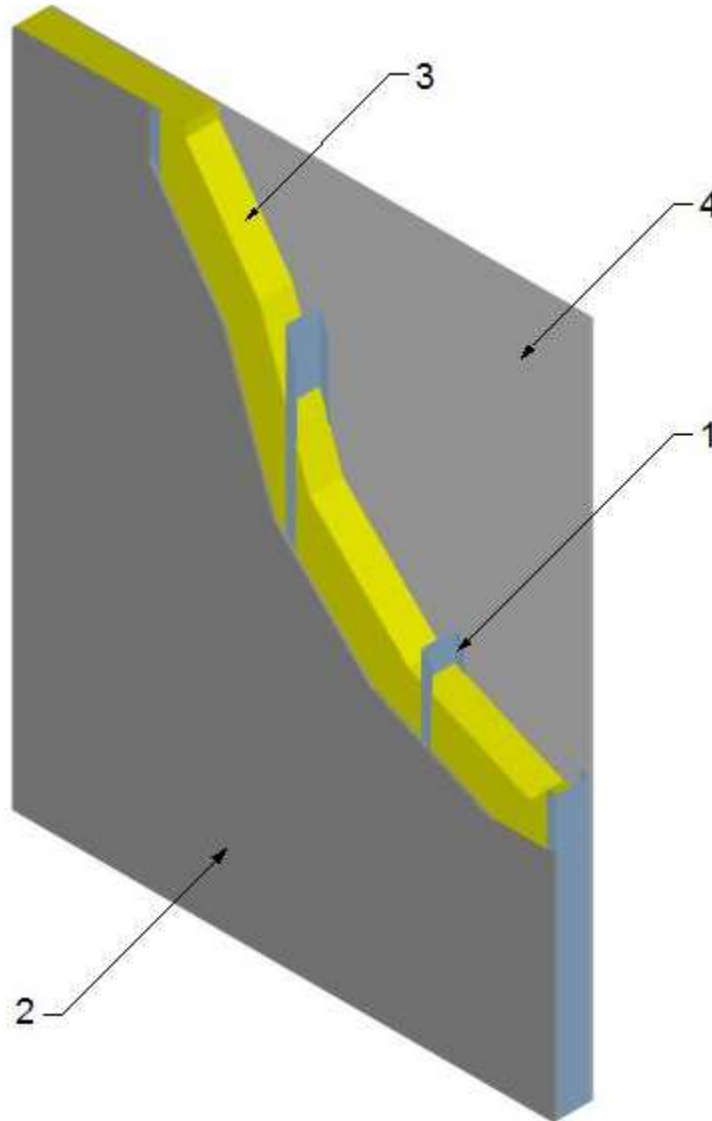

Design Number SWD/SI 60-01
Non-Load Bearing Wall System
SWD Urethane
SWD Quik-Shield® 112
ASTM E 119
Rating: 1 Hour
Superimposed Load: None



1. STEEL STUDS: Install 3-5/8 in. deep, 20 GA galvanized steel studs spaced maximum 24 in. on center (oc) and floated between 3-5/8 in. deep 20 GA top and bottom track (not shown).
2. EXTERIOR SHEATHING: Install two layers of 5/8" National Gypsum Gold Bond® Brand Fire-Shield® Type X Exterior Sheathing installed with the long dimension parallel to the steel studs (Item 1). Secure base layer to steel studs (Item 1) using #6 x 1-1/4 in.

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self-drilling screws spaced 16 in. oc around the perimeter and 16 in. oc in the field. Install face layer with joints offset 24 in. from the base layer and secured using #6 x 1-7/8 in. self-drilling screws spaced 16 in. oc around the perimeter and 16 oc in the field staggered 8 in. from the base layer fasteners.

3. CERTIFIED COMPANY: SWD Urethane

CERTIFIED PRODUCT: Spray Polyurethane Foam Insulation

MODEL: SWD Quik-Shield® 112

INSULATION: Spray-apply a nominal 3-5/8 in. thick (nominal full fill) layer of nominal 2.0 pound per cubic foot density SWD Quik-Shield® 112 Spray Polyurethane Foam to exterior sheathing (Item 2) side of the steel stud (Item 1) cavity.

4. INTERIOR GYPSUM BOARD: Install two layers of 5/8 in. USG Sheetrock® Brand Type X gypsum board with the long dimension parallel to the steel studs (Item 1) ensuring 24 in. offset from exterior sheathing (Item 2) joints. Secure base layer using #6 x 1-1/4 in. long self-drilling screws spaced 16 in. oc around the perimeter and 16 in. oc in the field. Install face layer with joints offset 24 in. from the base layer and secured using #6 x 1-7/8 in. self-drilling screws spaced 16 in. oc around the

perimeter and 16 in. oc in the field staggered 8 in. from base layer fasteners.

A. Joint Tape and Compound – (Not Shown) Apply a level 2 finish of vinyl or casein, dry or premixed joint compound applied to the following elements: Apply to gypsum board (Item 2) in two coats to all exposed fastener heads and gypsum board joints. Embed minimum 2 in. wide paper, plastic, or fiberglass tape in first layer of compound over joints in gypsum board (Item 2).

5. EXTERIOR CLADDING (Optional-Not Shown): Install ASTM E 136 compliant non-combustible exterior cladding to the exterior side of the exterior sheathing (Item 2), in accordance with the applicable building code requirements. Ensure cladding and installation is compatible with the exterior sheathing (Item 2) manufacturer's specifications.