



# Specifications

## ARCHITECTURAL SPECIFICATIONS

These are abbreviated specifications covering normal job requirements and are intended as minimum guide specifications which can be adapted to specific projects and conditions. For further information, consult your OC representative.

### Part 1: General

#### 1.1 Scope

Specify to meet project requirements.

#### 1.2 Qualifications

All materials, unless otherwise indicated, shall be manufactured by OC, and shall be installed in accordance with its current printed directions.

#### 1.3 Delivery and Storage of Materials

Materials shall be delivered in their original unopened units, stored off the ground, protected from direct sunlight with a light-colored opaque polyethylene film and ventilated to prevent excessive temperature. Damaged or deteriorated materials shall be removed from the premises.

### Part 2: Products

#### 2.1 Materials

A. Foundation and Perimeter Insulation: see product availability chart.

1. Adhesive: (water-based for temperatures above 50°F) (solvent-based for damp or cold weather) as recommended by adhesive manufacturer.

2. Protective coating: (weatherproof board) (reinforced stucco) or as recommended by OC.

3. Wool or Metal Furring: furring channel as required.

B. Cavity Wall Insulation: see product availability chart.

C. Wall Furring Insulation: see product availability chart.

1. Furring Channel: Any qualify furring channel system.

2. Fasteners: For furring channel, concrete stub nails, power-driven fasteners, or pneumatic driven fasteners. For finishing panels select fasteners from panel manufacturer.

### Part 3: Execution

#### 3.1 Cavity Wall Application

#### 3.3 Foundation/ Perimeter Application

Place insulation between wall ties with long edge horizontal and ends and edges butted. Install insulation against back-up wall allowing 1" min. air space between insulation and outer wall. Cut insulation with saw or sharp knife to fit tightly around vests, louvers, pipes, conduit and other wall penetrations.

### 3.2 Wall Furring Application

Apply 2-ft. wide Foamular insulation horizontally with the tongue edge up. The 4-ft. wide Foamular panels should be applied vertically. Close all joints tightly. All areas of the wall requiring insulation shall be covered with Foamular insulation. Fasten the Foamular insulation to the masonry wall using a quality furring channel spaced 24" on center (max) via metallic fasteners driven by manual, pneumatic, or electric gun or by powder actuated charge. Fastener length should be sufficient to penetrate substrate wall a minimum of 3/4" for precast or prestressed concrete and 1" for concrete block. The fastener selected spaced 16" o.c. (or 8" o.c. for load bearing walls). Furring channels should be placed adjacent to all openings, i.e. doors, windows and corners to secure finishing panel systems. Install finish (gypsum) panels in accordance with manufacturer's latest printed instructions and attach using the recommended fastener to the furring channel.

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Before back filling, install Foamular insulation to the exterior of all foundation walls from top of footing, upward. Adhere insulation to clean surfaces with long edges horizontal, edges tightly butted and vertical joints staggered. Secure insulation with adhesive applied to back of panels with 1/4" to 3/8" continuous beads spaced 16" o.c. or 1 1/2" diameter, 1 1/2" high spots in rows 8" apart and spaced 16" o.c. Apply insulation to wall within 15 min. after adhesive is applied. Backfill carefully to prevent damage to insulation. Where insulation is exposed between ground level and bottom of exterior finish, apply reinforced stucco, painted weatherproof board or other suitable protective coating over insulation.

### 3.4 Crawl Space Application

Securely attach Foamular insulation to inside of foundation wall using approved adhesive, impaling pins, or furring strips spaced 24" o.c. Maximum. When required by building codes, cover insulation completely with gypsum panels or approved protection.

### 3.5 Below Floor Slab Application

Install Foamular insulation after gravel fill has been built up to grade and thoroughly tamped, and vapor retarder placed. Lay insulation in place with edges pressed together and butting foundation wall or adjacent vertical insulation. Pour concrete slab to cover all insulation.