



SECTION 072703

CLOSED CELL, MEDIUM DENSITY SPRAY POLYURETHANE FOAM AIR BARRIER

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. This section includes the following:

1. Closed cell, medium density spray polyurethane foam air barrier located in the non-accessible part of the wall.
2. Materials to bridge and seal the following air leakage pathways and gaps:
 - a. Connections of the walls to the roof air barrier.
 - b. Connections of the walls to the foundation air barrier.
 - c. Seismic and expansion joints.
 - d. Openings and penetrations of window frames, storefront, curtain wall.
 - e. Barrier precast concrete and other envelope systems.
 - f. Door frames.
 - g. Piping, conduit, duct and similar penetrations.
 - h. Masonry ties, screws, bolts and similar penetrations.
 - i. All other air leakage pathways in the building envelope.

SPEC NOTE: COORDINATE RELATED WORK
REQUIREMENTS WITH CONTENTS OF REFERENCED
SPECIFICATION SECTIONS.

B. Related Work in other Sections includes the following:

1. Section 061100 – Wood Framing: Load-bearing, wood exterior wall framing assemblies to support the spray polyurethane foam air barrier.
2. Section 014000 - Quality Requirements; coordination with Owner’s independent testing and inspection agency.
3. Section 014339 - Mock-Ups; exterior wall mock-ups.
4. Section 015000 - Temporary Facilities and Controls; requirement to schedule work to prevent sunlight and weather exposure of materials beyond limits established by manufacturer; requirement to protect materials from damage after installation and prior to installation of enclosing work.