

WILLIAM S. MIDDLETON VA HOSPITAL

MADISON, WISCONSIN

RENOVATE 3A & 3C FOR AMBULATORY CARE

Bancroft Architects + Engineers

02-01-16

2. Perlite Board: ASTM C728.
3. Cellular Glass Block: ASTM C552, Type I.

2.3 SPRAY POLYURETHANE FOAM INSULATION

- A. Location: Interior side of exterior walls below and above windows.
- B. Closed-cell Polyurethane Foam Insulation: ASTM C1029, Type II, with maximum flame-spread and smoke-developed indexes of 25 and 350, respectively, per ASTM E84.
 1. Manufacturers: BASF, Spraytite 178 Series, or approved equal.
Bidding on: IAW VAAR 811.104-71
Manufacturer Name: _____
Brand: _____
No.: _____
 2. Minimum density of 1.5 lb/cu.ft. (24 kg/cu.m), thermal resistivity of 6.2 deg F x h x sq.ft./Btu x in. at 75 deg F (43K x m/W at 24 deg C.)
 3. **Provide intumescent ignition barrier paint as required which is compatible and tested with spray foam product selected.**

2.4 ACOUSTICAL INSULATION

- A. Semi Rigid, Batts and Blankets:
 1. Widths and lengths to fit tight against framing.
 2. Mineral Fiber boards: ASTM C553, Type II, flexible, or Type III, semirigid.
 - a. Density: nominal 4.5 pound.
 3. Mineral Fiber Batt or Blankets: ASTM C665.
 4. Maximum Surface Burning Characteristics: ASTM E84.
 - a. Flame Spread Rating: 25.
 - b. Smoke Developed Rating: 450.

2.5 ACCESSORIES

- A. Fasteners:
 1. Staples or Nails: ASTM F1667, zinc-coated, size and type to suit application.
 2. Screws: ASTM C954 or ASTM C1002, size and length to suit application with washer minimum 50 mm (2 inches) diameter.
 3. Impaling Pins: Steel pins with head minimum 50 mm (2 inches) diameter.