

SECTION 071600

BASEMENT AND ELEVATOR PIT WATERPROOFING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Liquid Membrane Waterproofing

1.2 QUALITY ASSURANCE

- A. Perform Work in accordance with manufacturer's instructions.

1.3 ENVIRONMENTAL REQUIREMENTS

- A. Maintain temperatures above 40 degrees F degrees for 24 hours before application and continuously until dampproofing has cured.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Fluid Applied Waterproofing
Sonneborn: Type Hydrocide Liquid Membrane(HLM 5000 and complying with ASTM C-836-84)
- B. Expansion Joint Sealant:
Sonneborn Sonalastic NP 1 or NP 2 or SL 2 or SL 1 complying with ASTM C-920.
- C. Joint Filler:
Sonneborn Sonofoam Backer-Rod, closed cell polyethylene foam.
- D. Reducer:
Sonneborn Reducer 990. For cleaning tools and equipment.
- E. Leveling Patcher:
Sonneborn Sonocrete®. An acrylic latex base bonding compound used directly or as an admixture.
- F. Joint Filler Strip:
Sonneborn Sonofles F non-impregnated joint filler strip.
- G. Cant Strips:
45° to substrate, minimum thickness 1 ½", height 4" maximum, or 1" less than topping thickness.
- H. Protection Board:
Sonneborn's Protection Course II premolded protection course or ¼" thick.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify that surfaces are solid, free of matter detrimental to adhesion of dampproofing.
- B. Do not apply waterproofing to damp, frozen, dirty, dusty, or deck surfaces.
- C. Concrete shall be cured for a minimum of 14 days and shall be dry.

3.2 APPLICATION

- A. Apply Work in accordance with manufacturer's instructions.

3.3 PROTECTION

- A. Within 24 hours after visual inspection and/or repairs, cover membrane with protection board. All horizontal and vertical membrane shall be protected.
- B. Cleaning:
Upon completion of this work, all materials, containers, equipment and debris shall be removed. Area shall be left in clean condition.

END OF SECTION