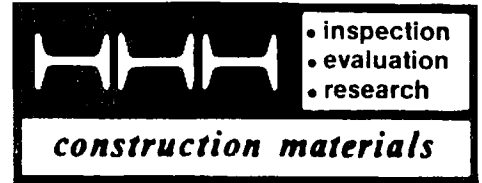


**H. H. HOLMES TESTING LABORATORIES, INC.**



• 170 Shepard Avenue • Wheeling, Illinois 60090 • 847-541-4040 • Fax: 847-537-9098

Report No. 3128.3  
Re: Riser Assembly with lid  
Date of Test: 4/24/02

Date of Report: 5/16/02

**TESTING CONDUCTED FOR:** Tuf-Tite, Inc.  
500 Capital Drive  
Lake Zurich, IL 60047

Attn.: Ted Meyers

**ITEMS TESTED:** 24" x 18" (3 x 24) Tuf-Tite Riser Assembly; assembled utilizing butyl mastic meeting ASTM C-990 requirements (CS102 Asbestos Free ConSeal sealing 2" schedule 40 pipe trough sidewall of risor; also sealing risors (3) together). Lid assembly sealed with molded in Polyurethane flat gasket and secured with (6) #10 x 1 3/4" SS screws.

**OBJECT OF TEST:** To determine the ability of the unit to maintain vacuum

**TEST PROCEDURE:** Testing conducted at test conditions: 60+/-5 degrees F and Ambient RH

**FINDINGS:** Unit maintained seal with-out evidence of leakage for a period of 20 minutes at 11.5 inches of Mercury  
No lid deformity noted, No risor deformity noted  
Test terminated at 20 minutes  
Testing conducted at client premise with H.H. Holmes testing representative present

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'S. Nelson', followed by a horizontal line.

Scott R. Nelson  
President

A handwritten signature in black ink, appearing to be 'Douglas C. Diefenthal', written in a cursive style.

Douglas Diefenthal, PE