



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 502-06-M

**Manufacturer:** Trakloc Southeast, 234 Molly Walton Drive,  
Hendersonville, TN 37075

**Trade Name(s):** Trakloc (R) Steel Framing

**Product:** Non-load-bearing fire-rated wall assembly, using  
Trakloc steel framing

**Pertinent Code Section(s):** 27-323, 27-324

**Prescribed Test(s):** RS 5-2 (ASTM E119)

**Laboratory:** Intertek Testing Services (ITS)

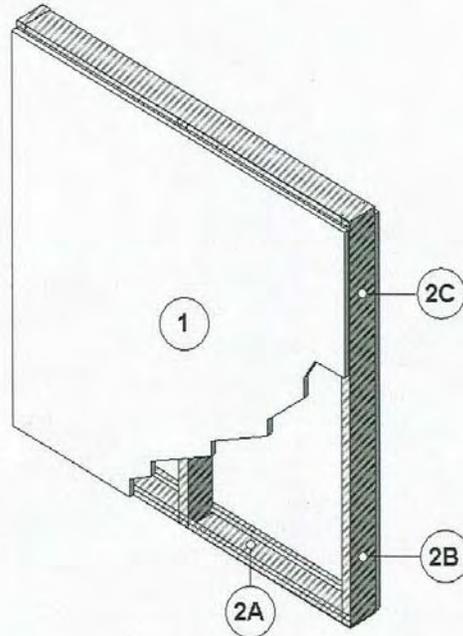
**Test Report(s):** ITS Project No. 30946520, dated May 31, 2006

**Description:** Non-load-bearing fire-rated wall assembly, using 3 $\frac{5}{8}$ " – 20-gauge galvanized steel Trakloc telescopic studs and 20-gauge galvanized Trakloc track. The studs do not require fastening to the track. The wall assembly utilizes  $\frac{5}{8}$ " thick Type X gypsum wallboard hung horizontally or vertically. The assembly shall be constructed in accordance with manufacturer's instructions and its design No. NBW 350 as shown below in achieving the required fire resistance rating.

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TIL/WA 60-01  
Design No. NBW 350  
**NON-LOADBEARING WALL ASSEMBLY**  
ASTM E 119-05 – Assembly Rating - 1 hr

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1. WALL ASSEMBLY – Non-load bearing wall assembly positioned perpendicular to the floor ceiling assembly and consisting of the following:

- A. Gypsum Board – 5/8 in. thick Type X gypsum board, 4 ft. wide, applied vertically with edges coincident with studs, or horizontally with nom. 1/8" gaps between boards. Joint compound pressed into these gaps full board depth. Attach gypsum board to studs with No. 6 x 1-1/4"

long self tapping drywall screws, spaced 8 in. o.c. along the perimeter and along all studs. Optional – When deflection movement is required. Create a nominal 1-inch wide joint at the top edge of the Type X 5/8-inch thick gypsum board and the bottom of floor/ceiling assembly.

- B. Joint Tape and Compound - vinyl or casein, dry or premixed joint compound applied to face layers of

*Fire-Resistant Walls*

gypsum board in two coats to all exposed fastener heads and gypsum board joints. A min. 2 in. wide paper, plastic, or fiberglass tape is embedded in first layer of compound over joints in gypsum board.

2. Steel Framing System –
  - A. Steel Floor Tracks and Ceiling Runners – Two “C-shaped” roll formed nominal 0.030 inch thick steel tracks each nominally 3-5/8 inch wide with two 1-3/8 inch vertical legs. Use nominal 3/16-inch diameter, 1-1/4-inch long, hexhead concrete screws nominally spaced 24 inches on center, to attach one track to the bottom of floor/ceiling assembly at the top of the floor and the other track to the bottom of the floor, aligned with the top track.

**Listed Manufacturer:**

- Trakloc International LLC
- 358TTS-030-138 Tracks

- B. Steel Studs – “C-shaped” roll formed nominal 0.030 inch thick steel studs (telescoping stud assembly) nominally measuring 3-5/8 inch wide with two 1-3/8 inch vertical legs. The telescoping stud (2B) assembly consists of a stud and an extension stud (2C). “Snap-

lock” steel stud framing into the steel floor tracks and ceiling runners at a maximum 24-inches on center.

**Listed Manufacturer:**

- Trakloc International LLC
- 358TSA-030-114 Telescoping Stud Assembly
    - 358TSO-030-114 Stud (2B)
    - 358TSE-030-114 Extension Stud (2C)

3. JOINT TREATMENT – Not shown. Optional – Use when deflection movement required. Apply materials bearing an Intertek Certification Mark applied in accordance with their fire-resistive joint Design Listing.

- A. Joint Packing Material – Fill the joint created between the floor/ceiling assembly and the top edge of the Type X 5/8-inch thick gypsum board with a nominal 4 pcf mineral wool insulation. Create a nominal ¼-inch recess from the exposed face of the Type X 5/8-inch thick gypsum board.

- B. FILL, VOID OR CAVITY MATERIAL  
Fill the nominally measuring ¼-inch deep recess with a fire rated sealant. Trowel-apply the sealant over all of the packing material overlapping the sealant onto the Type X 5/8-inch thick gypsum board.

**Terms and Conditions:** The above-described non-load-bearing fire-rated wall assembly is accepted under the following conditions:

1. Structural requirements shall comply with Subchapter 10, Reference Standard RS 10-3 and other applicable provisions of the New York City Building Code.
2. The acceptance of this assembly is limited to fire resistance only. Structural and other requirements shall be in accordance with pertinent Building Code, Intertek Testing Services listing and manufacturer's requirements.
3. All shipments and deliveries of such equipment shall be provided with print marking on the equipment, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

**NOTE:** In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance February 1, 2007

Examined By Siun Derphodan