



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Robert D. LiMandri, Acting Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 56-08-M Vol. 2

**Manufacturer:** Marino/WARE  
400 Metuchen Road  
South Plainfield, N.J. 07080

**Trade Name(s):** ViperStud Metal Studs and Track

**Product:** One-hour fire-rated wall assemblies  
MEA Index #310-190 – Wall Assembly

**Pertinent Code Section(s):** 27-280, 27-323, 27-324

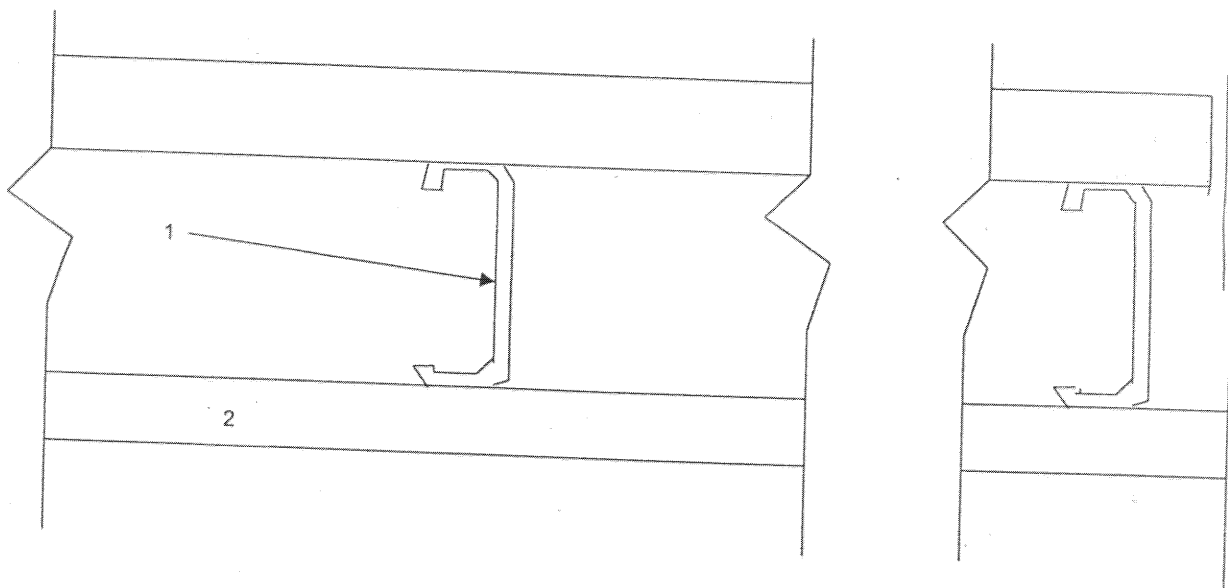
**Prescribed Test(s):** RS 5-2 (ASTM E-119), UL 263)

**Laboratory:** Intertek Testing Services

**Test Report(s):** Report No. 3133371-ASTM E119 – 1-hour,  
horizontal application and Project No. 3149849.

**Description:** The ViperStud fire-rated wall system is comprised of ViperStuds in two metal thicknesses (0.0155" & 0.0245") with one size Viper Track compatible with conventional related products. The unique features of the Viper System include ribbed flange and web, 100% hemmed, improved screw retention, 100% flat steel and one size track system. The Viper System has been successfully tested per ASTM E119, C645, C754 and E72. The ViperStud system was successfully fire tested as one-hour wall when the gypsum board was applied horizontally. This includes 3<sup>5</sup>/<sub>8</sub>", 4" and 6" stud wall assemblies. The assemblies should be constructed with manufacturer instructions and following the Intertek Design No. MW/WA 60-2.

**MARINOWARE**  
 Design No. MW/WA 60-02  
**ASSEMBLY RATING: 1 HOUR WALL ASSEMBLY**  
**NON-LOAD BEARING**



**CERTIFIED MANUFACTURER:**  
 MARINOWARE

**CERTIFIED PRODUCT:** VIPERSTUD Steel Stud Non Load Bearing Wall Assembly

**MODEL:**

1. Non-load bearing wall assembly with minimum VIPERSTUD25™ 3 5/8", 4", or 6" width (0.0155" design thickness) ASTM A653 SS Grade 50 located at 24" O.C. Studs are friction fit into 0.0155" design thickness ASTM A653 SS Grade 50 VIPERTRACK™ steel starter channel.

2. One layer of regular 5/8" Type X gypsum wallboard\* on exterior and interior faces (\*See below for details on wallboard). The wallboard is oriented horizontally with joints

either staggered or aligned, and is mechanically fastened with No. 6 x 1-1/4" Type "S" Drywall screws at 8" OC around perimeter of wall board to VIPERSTUD and VIPERTRACK, and at 12" OC along studs located across interior of wall board. No screws penetrated VIPERTRACK to VIPERSTUD as this is an expansion system.

3 (Not Shown). Wallboard joints and screw heads finished with Industry Standard Compound, approximately 1/4" bead.

4 (Not Shown). Joints taped with Industry Standard 1/16" Joint Tape.

**NO INSULATION MATERIAL IS REQUIRED WITHIN WALL CAVITIES OF THIS WALL ASSEMBLY.**

\* Regular 5/8" Type X gypsum wallboard denotes any manufacturer that produces gypsum wallboard in accordance with ASTM C36 / C1396. These manufacturers are currently defined as, but not limited to: American Gypsum, CertainTeed Gypsum, CGC Inc., Federal Gypsum Company, GP Gypsum, Lafarge North America, National Gypsum Co., PABCO Gypsum, Temple-Inland and United States Gypsum and listed as active members of the Gypsum Association.

**Terms and Conditions:** The above-described fire-rated wall assembled designs are accepted as having the fire-resistance ratings as indicated, when used where combustible or non-combustible construction is required in accordance with the New York City Building code under the following conditions:

1. This acceptance does not include structural adequacy or wall design which must be checked by a professional engineer or registered architect for particular structure for compliance with New York City Building Code.
2. Installation shall comply with New York City Building Code and Intertek Testing Services fire-resistance rating as specified above.
3. All shipments and deliveries of such material shall be provided with a certificate or label certifying that the material shipped or delivered are equivalent to that tested and accepted for use as provided for 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 September 12, 2008

Examined By Siun Derfudam