



DEPARTMENT OF BUILDINGS -  
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Mr. Robert W. Cauley  
U.S. Architectural Products, Inc.  
1117 Douglas Avenue  
North Providence, RI 02904

DATE: July 24, 2000

MEA No.: 254-00-M

Dear Applicant:

Enclosed is a final official signed copy of the MEA acceptance of your product(s) which you may use as proof of your product(s) acceptance in New York City.

This document together with proper labeling and installation in accordance with New York City Building Code will enable the inspector to know that the product(s) installed is (are) legal.

All shipments and deliveries of accepted materials to the job site are required to be labeled or tagged in accordance with the format below:

Accepted for Use City of New York Department of Buildings MEA - -
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Company Name

Very truly yours,

Siun Derkhidam  
Examiner, MEA Division

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

**Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.**

**Richard C. Visconti, R.A., Acting Commissioner  
MEA 254-00-M**

**Report of Material and Equipment Acceptance Division**

**Manufacturer - Amanco Group of Companies, Avenue del Ferrocarril 16-67, Zona 12,  
Guatemala City, Guatemala.**

**Trade Name - Plycem.**

**Product - Noncombustible 1 1/2 hour fire rated floor/ceiling assembly.**

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

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

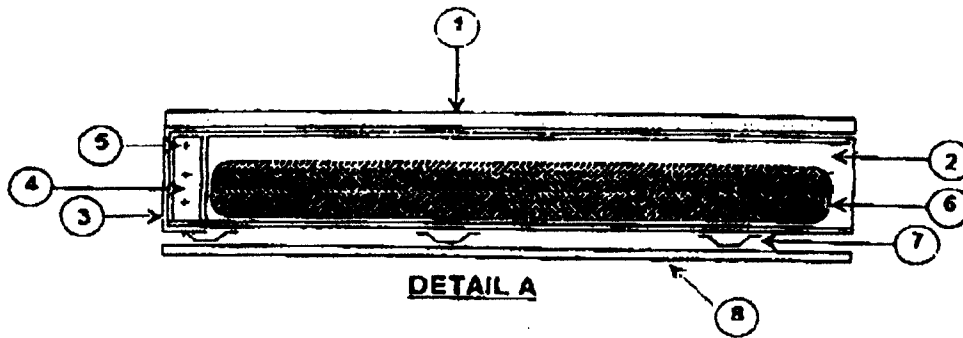
**Laboratory - VTEC Laboratories Inc.**

**Test Report(s) - Report No. V100-391, dated September 17, 1993.**

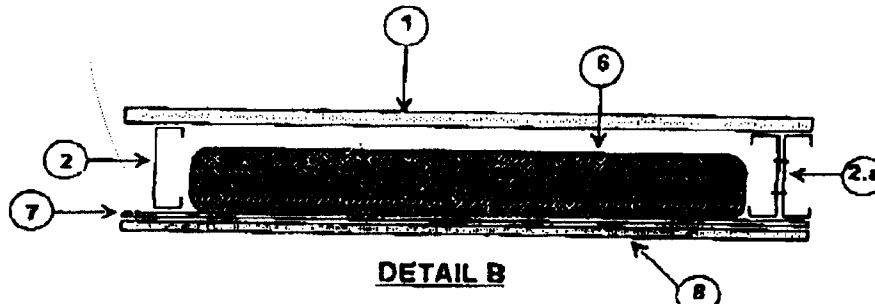
**Description - Noncombustible floor/ceiling assemblies, as per sketches below utilizing the Plycem Fiber Reinforced Cement Board and one layer of accepted 5/8 inch thick Firecode Type 'C' gypsum board in achieving the fire resistance ratings listed below and in accordance with VTEC Laboratories Project No.V100-391.**

**Fire Resistance Ratings:**

**Restrained Assembly - 1 1/2 Hr.**



1. Plycem Fiber Reinforced Cement Board, 20mm (3/4" nominal) minimum thickness screw fastened to top flanges of steel 'C' joists with #10 x 1-1/2" corrosion resistant self-drilling 'Tek' screws. Fastener spacing 12" oc
2. Galvanized steel 'C' joists, 8" minimum depth x 18 gauge minimum thickness x 1-5/8" minimum flange width. Joist spacing 24" oc maximum.
- 2.a Doubled galvanized steel 'C' joist at side wall
3. Galvanized steel 'perimeter channel' receiving ends of 'C' joists, 18 gauge minimum.
4. Galvanized steel web stiffener, 3-5/8" x 18 gauge, placed inside 'C' joist flange.
5. Corrosion resistant #10 x 1/2" self-drilling 'Tek' screws fastening web stiffener to 'C' joist web.
6. Mineral wool insulation batts, 4" thick x 4 pcf density, in joist cavity.
7. Drywall furring channels spaced 16" oc, each leg screw fastened to bottom flange of 'C' joist with #8 x 1/2" corrosion resistant self-drilling 'Tek' screws.
8. Single layer of 5/8" Firecode Type 'C' gypsum board fastened to furring channels at 8" oc with #6 x 1" drywall screws.



**Recommendation - That the above described noncombustible floor/ceiling assembly be accepted as having the fire resistance rating indicated, provided that the assembly is constructed in accordance with the testing laboratory's requirements and manufacturer's recommendations. This acceptance does not include structural adequacy of floor/ceiling design, which must be checked for particular structures for compliance with the Building Code at the time of plan examination by department engineers. All shipments and deliveries of the above accepted material shall be accompanied by a certificate or label certifying that the material shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.**

Final Acceptance JUL 24 2000

Examined by S Derkhdam