

BOARD OF
BUILDING AND SAFETY
COMMISSIONERS

JAVIER NUÑEZ
PRESIDENT

MARSHAL L. BROWN
VICE-PRESIDENT

VAN AMBATIELOS
PEDRO BIRBA
ELENORE A. WILLIAMS

CITY OF LOS ANGELES
CALIFORNIA



ANTONIO R. VILLARAIGOSA
MAYOR

DEPARTMENT OF
BUILDING AND SAFETY
201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

ANDREW A. ADELMAN, P.E.
GENERAL MANAGER

RAYMOND CHAN
EXECUTIVE OFFICER

RESEARCH REPORT: RR 25320
(CSI #06300)

GENERAL APPROVAL - Renewal/Clerical Modification - Forton MG - Modified Glass Fiber Reinforced Gypsum (MGFRG).

DETAILS

Forton MG architectural decorative panels are manufactured from sand, water, fiberglass, gypsum, resin and admixtures. MGFRG has dry density of 85 lbs./cu. ft. and wet density of 102 lbs./cu. ft. The panels have a flame spread and smoke density of 25 and 45 respectively, when tested in accordance with ASTM E-84. Forton MG panels is approved for use as architectural trims, moldings, column covers, and ornamental decorations, subject to the following conditions:

1. The supporting members shall not be spaced more than 16 inches on center.
2. Vertical and horizontal assemblies supporting the panels shall be designed to resist the loads specified in Chapter 16 of the 2002 Los Angeles City Building Code, in addition to the requirements of Sections 91.2503 and 91.2504 of the Code.
3. The product does not carry any fire-rating and cannot be substituted for gypsum board in fire rated assemblies.
4. Tension capacity for the 0.2" x 0.75" x 6" bend strap embedded in the panel is 60 lb.
5. Forton MG panels may only be used in areas where combustible construction is allowed by the Building Code.

RR 25320
Page 1 of 2

RE: Forton MG - Modified Glass Fiber Reinforced Gypsum (MGFRG)

6. Forton MG panels are approved for exterior and interior use and shall not be used to resist lateral loads.
7. Forton MG shall be identified with the manufacturer's name and product designation.
8. Connection details shall be detailed on the plans. The plans shall be prepared by a civil or structural engineer or architect licensed in the State of California.

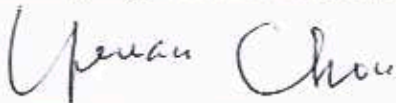
DISCUSSION

The clerical modification is to change the company name.

This approval is based on tests.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.



YEUAN CHOU, Chief
Engineering Research Section
2319 Dorris Place
Los Angeles, CA 90031
Phone (213) 485-2376
Fax (213) 847-0985

U/ YC:elem
RR25320/wp8.0
R09/07/06
4D1:4D2:2503:2504