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RESEARCH REPORT: 25958

BASED UPON ICC-EVALUATION  
SERVICE REPORT No.ESR-2401

Expires: June 1, 2014  
Issued Date: June 1, 2013  
Code: 2011 LABC

**GENERAL APPROVAL** –Mason-Lite™ Modular Concrete Fireplaces: Models MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 (FMI: MM33, MM39, MM44, MM49, and MM63/ Burntech: TFS-33, TFS-39, TFS-44, TFS-49, and TFS-63); and MGFP-39, MGFP-44, and MGFP-49 (Burntech: GBVS-39, GBVS-44, and GBVS-49).

## DETAILS

The above assemblies and/or products are approved when in compliance with the description, use, identification and findings of Report No.ESR-2401, reissued February 1, 2013, of the ICC Evaluation Service, Incorporated.

The parts of Report No.ESR-2401 which are excluded on the attached copy have been removed by the Los Angeles Building Department as not being included in this approval.

### The approval is subject to the following conditions:

1. The Mason-Lite™ Modular Concrete Fireplaces Models MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 are not approved with solid wood logs.
2. The Mason-Lite™ Modular Concrete Fireplaces Models MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 when installed with a decorative gas appliance listed in accordance with ANSI Z 21.60, shall be terminated with a 10-inch diameter listed Type B gas vent.
3. The Mason-Lite™ Modular Concrete Gas-Fired Fireplaces Models MGFP-39, MGFP-44 and MGFP-49 comply with ANSI Z 21.50, and are constructed in the field and vented with Type B gas vent.

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Masonry Fireplace Industries, LLC

RE: Mason-Lite™ Modular Concrete Fireplaces: Models MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 (FMI: MM33, MM39, MM44, MM49, and MM63/ Burntech: TFS-33, TFS-39, TFS-44, TFS-49, and TFS-63); and MGFP-39, MGFP-44, and MGFP-49 (Burntech: GBVS-39, GBVS-44, and GBVS-49).

4. Use of the Fireplaces when subject to the 2011 Los Angeles City Green Code shall conform to the applicable section of 4.503.1, 5.503.1, 9.503.1 or 10.503.1 which requires the installation of a direct vent sealed combustion chamber.
5. The Mason-Lite™ Modular Concrete Fireplaces installations in new or existing construction shall conform to the provisions of South Coast Air Quality Management District Rule 445.
6. The Mason-Lite™ Modular Concrete Fireplaces when installed in a building shall be provided with closeable metal or glass doors covering the entire opening and a combustible air intake when required by the California Energy Code.
7. Exterior air supply system to the fireplaces shall comply with the requirements noted in Section 2111.13 of the 2011LABC or, R1006.1 of the 2011LARC, as applicable.
8. The Mason-Lite™ Modular Concrete Fireplaces must be installed in accordance with ICC-ES ESR-2401, manufacturer's published installation instructions, and 2011LABC. A copy of the manufacturer's instructions must be available at the jobsite.
9. The Mason-Lite™ Modular Concrete Fireplaces must not be installed with doors.
10. The installation of the Mason-Lite™ Modular Concrete Fireplaces is limited to base floor and seismic parameters noted in Table 2 of the attached ICC-ES ESR-2401.
11. Exterior air supply system to the Mason-Lite™ Modular Concrete Fireplaces shall comply with the requirements noted in Section 2111.13 of the 2011LABC

## **DISCUSSION**

The report is in compliance with 2011 Los Angeles City Building Code.

The MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 are also sold as FMI products, LLC, models MM33, MM39, MM44, MM49 and MM63, respectively. Additionally, the products are sold as Burntech Fireplace Solutions models TFS-33, TFS-39, TFS-44, TFS-49, and TFS-63, respectively.

The Mason- Lite modular concrete gas-fired fireplace models MGFP-39, MGFP-44, and MGFP-49 are also sold as Burntech Fireplace Solutions models GBVS-39, GBVS-44, and GBVS-49, respectively.

Masonry Fireplace Industries, LLC

RE: Mason-Lite™ Modular Concrete Fireplaces: Models MFP-33, MFP-39, MFP-44, MFP-49, and MFP-63 (FMI: MM33, MM39, MM44, MM49, and MM63/ Burntech: TFS-33, TFS-39, TFS-44, TFS-49, and TFS-63); and MGFP-39, MGFP-44, and MGFP-49 (Burntech: GBVS-39, GBVS-44, and GBVS-49).

The approval is based on tests and analysis in accordance with the ICC-ES Acceptance Criteria for Field Constructed Fireplace Systems Using Prefabricated Blocks (AC375), dated February 2012.

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 design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

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.

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Attachment: ICC-ES ESR-2401 (10 Pages)