

# FEMA COMPLIANT FLOOD VENT

## 8" X 16" ENGINEERED FLOOD VENT



Patented D583,042



**VENT:**  
105 Square Inches "Net Open Area"  
**VENT COVERAGE:**  
205 Square Feet "Enclosed Area"

### FEMA: TECHNICAL BULLETIN – AUGUST 2008 (Page 24) Non-Engineered Openings

#### Engineered Openings

Openings that are designed and certified by a registered design professional as meeting the performance required by the regulations are called "engineered openings." This section describes certification and documentation requirements for engineered openings and the specific design requirements.

#### Engineered openings with individual certification

For architectural or other reasons, building designers or owners may prefer to use unique or individually designed openings or devices. In these cases, a registered design professional must submit a certification. As a general rule, States require a designer to be licensed to practice in the State in which building is located.

The original certification of the engineered openings must include the design professional's name, title, address, signature, type of license, license number, the State in which

the license was issued, and the signature and applied seal of the certifying registered design professional. The certification shall identify the building in which the engineered openings will be installed. The language of the certification shall address the following:

- A statement certifying that the openings are designed to automatically equalize hydrostatic flood loads on exterior walls by allowing the automatic entry and exit of floodwaters in accordance with the Engineered openings, design requirements on page 26,
- Description of the range of flood characteristics tested or computed for which the certification is valid, such as rates of rise and fall of floodwaters, and
- Description of the installation requirements or limitations that, if not followed, will void the certification.

