

**Code Evaluation Research Report**

**Report Holder:**

**Colombit S.A.**

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[www.colombit.com](http://www.colombit.com)

**Evaluation Subject:**

SUPERBOARD®

SUPERBOARD® is manufactured in 4' x 8' (1220mm x 2440mm) panels. It has a resistance to mold growth and humidity.

**Panel Dimensions:**

Thickness: 1/4", 3/8", 1/2" (6 mm, 8 mm, 11 mm)  
Width: 4' (1220 mm)  
Length: 8' (2440 mm)

**1.0 Evaluation Scope:**

**Code Evaluation Criteria:**

- 2004 Florida Building Code (FBC)
- Florida Product Approval Rule 9B-72
- Miami-Dade Product Control Approval (High Velocity Hurricane Zone, HVHZ)

**Properties Evaluated:**

- Fire Properties

**Quality Assurance Standard:**

- ISO Program

**Florida State Product Approval (Non-HVHZ) and Miami-Dade (HVHZ) Notice of Acceptance (NOA) Standards:**

- Determination of applicability within scope definitions

**4.0 Fire Properties:**

Fire Properties shall comply with the Florida Building Code 2004, Section 803.1 and the following standards

- ASTM E84-01 – Surface Burning Characteristics of Building Materials

**5.0 Installation:**

Refer to the Manufacturer's installation instructions.

**6.0 Findings:**

**6.1 Fire Properties:**

SUPERBOARD® meets the requirements for a

Fire Classification: Class A

Per FBC Section 803.1 and based on standard ASTM E84-01, Test results:

Smoke Contribution Index: 0

Flame Spread Index: 0

**2.0 Evaluated Uses:**

Interior Tile Backer Board  
Interior Non-Load Bearing Walls

**3.0 Description:**

SUPERBOARD® is a flat fiber cement sheet made throughout the AUTOCLAVE process (high-pressure, temperature and humidity) which added to a special selection of raw material (homogenous mix of cement, organic reinforcements and natural additives which do not include asbestos fibers) obtains a unique level of stability and resistance.

**6.2 Quality Assurance Standard:**

The manufacturer has demonstrated compliance in accordance with ISO 9001:2000 for manufacturing under a quality assurance program audited by an approved quality assurance entity. Colombit S.A. demonstrates

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compliance through **ICONTEC** Certification #SC066-1 for Manufacturing and Commercialization of Fiber-cement Products. **ICONTEC** is approved for Quality Assurance by ISO.

### 6.3 Florida State Product Approval:

#### 6.3.1 Florida Product Approval Scope:

The Florida mandatory Product Approval system is limited to products and systems which comprise the building envelope and structural frame for compliance to the structural requirements of the Florida Building Code per rule 9B-72.005 .

#### 6.3.2 Florida Product Approval Findings:

**SUPERBOARD®**, as evaluated for interior, non-structural uses listed in Section 2.0 of this report falls outside of the scope of Rule 9B-72.005 and does not meet the criteria for a Florida State Product Approval.

### 6.4 Miami-Dade Notice Of Acceptance (NOA):

#### 6.4.1 Miami-Dade Notice Of Acceptance (NOA) Scope:

Building Products used in Dade or Broward counties (The Geographically Designated High-Velocity Hurricane Zone) that protect the envelope of the building from being breached must be approved by the Building Code Compliance Office, Product Control Division.

#### 6.4.2 Miami-Dade Notice Of Acceptance (NOA) Findings:

**SUPERBOARD®** as evaluated for interior, non-structural uses listed in Section 2.0 of this report falls outside of the scope of Miami-Dade's Product Control Division's criteria and does not meet the criteria for a Miami-Dade Notice Of Acceptance.

### 7.0 Evidence Submitted:

#### 7.1 Fire Properties

Omega Point Laboratories, Test Report # 16451-109314 dated August 9, 2001 containing reports of testing conducted in accordance with ASTM E84.

#### 7.2 Quality Assurance Certification

- **ICONTEC**, Certification #SC066-1 dated 07/26/2006 certifies Colombit S.A. for ISO9001:2000 program for Manufacturing and Commercialization of Fiber-Cement Products.
- ISO listing of **ICONTEC** as a certification body operating multi-nationally: [www.iso.org/iso/en/info/ISODirectory/multi.html](http://www.iso.org/iso/en/info/ISODirectory/multi.html)

### 8.0 Conditions of Use:

**SUPERBOARD®** when used within the scope of this evaluation report has demonstrated compliance with the Florida Building Code, 2004, Section 803.1 and is subject to the following conditions:

**8.1** **SUPERBOARD®** is to be installed in accordance with manufacturer's installations instructions and permitting documents submitted to local building code officials.

**8.2** **SUPERBOARD®** is not evaluated to be used structurally to resist axial, transverse or racking loads.

**8.3** **SUPERBOARD®** is only evaluated for interior installations.

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## **Code Evaluation Research Report**

### **9.0 Use of Report for Code Compliance:**

**9.1** FBC Section 104.11.1 allows Research Reports to provide supporting data for demonstrating code compliance of materials or assemblies.

**9.2** Evaluation of the subject of this Code Evaluation Research Report was performed through approved testing and engineering analysis to demonstrated compliance with the intent of the referenced code sections and standards listed in this report. Building Officials, having jurisdiction, are granted the duty and power through state statute to confer approvals for all material and assemblies through the permit process for specific projects based on the design use of products and methods per FBC Section 104. (Exception: Florida State approved mandatory envelope products that are being used within their limits of use per Rule 9B-72)

**9.3** CBUCK Engineering and James L Buckner, P.E is an independent third party from the Report Holder and do not have or intend to have a financial interest in the Report Holder.

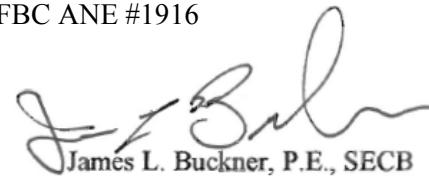
**9.4** Code Evaluation Research Reports shall not be used to infer an endorsement by CBUCK Engineering or James L. Buckner, P.E. of the manufacturer or the product.

**9.5** Current Code Evaluation Research Reports are posted and viewable on CBUCK Engineering's website at [www.cbuckinc.net](http://www.cbuckinc.net).

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The scope of this certification is limited by the report criteria and conditions.

Board Certified Structural Engineer  
SECB # 1058-0705  
Florida Registered Evaluation Engineer.  
FBC ANE #1916



James L. Buckner, P.E., SECB  
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6/22/07