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**THIS SPECIFICATION DESCRIBES A WATER-RESISTANT, FLAME RATED TILE BACKER BOARD. ADDITIONAL USES INCLUDE WALLBOARD (REPLACING GYPSUM WALLBOARD PRODUCTS) AND TILE AND STONE FLOORCOVERING UNDERLAYMENT.**

**SECTION 06 16 53  
MOISTURE-RESISTANT SHEATHING BOARD**

**GENERAL**

1.01 SUMMARY

Related Sections:

Metal Framing: Division 05 structural metal stud framing sections.

Wood Framing: Division 06, rough carpentry sections.

Finishes:

1.02 REFERENCES

ASTM International (ASTM):

ASTM C1280 Standard Specification for Application of Sheathing.

ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.

ASTM D3273 Standard Practice for Determining Resistance to Mold and Fungi.

American National Standards Institute (ANSI)

When used as a backer board for tile refer to ANSI A108, A118, A136.1, A131.7

1.03 SYSTEM DESCRIPTION

Performance Requirements:

Fire Performance:

Surface burning characteristics when tested in accordance with ASTM E84:

Flamespread: \_\_\_0\_\_\_ Smoke Developed: \_\_\_0\_\_\_

1.04 SUBMITTALS

General: Submit listed submittals in accordance with Conditions of the Contract and Section [01 33 00 - Submittal Procedures] [\_\_\_\_\_].

Product Data: Submit product data, including manufacturer's MSDS and technical bulletins for specified products.

Quality Control Submittals:

Manufacturer's Instructions: Manufacturer's installation instructions.

Closeout Submittals:

Warranty: Manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents. Warranty is available upon request, or at [www.GreenEboard.com](http://www.GreenEboard.com).

1.05 QUALITY ASSURANCE

Regulatory Requirements: In accordance with Section [01 41 00 - Regulatory Requirements] [\_\_\_\_\_].

1.06 DELIVERY, STORAGE & HANDLING

General: Comply with Section [01 61 00 - Common Product Requirements] [\_\_\_\_\_].

Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at

temperature and humidity conditions recommended by the manufacturer.

Specifier Note: Coordinate article below with Conditions of the Contract and with Section 01 78 36 - Warranties.

#### 1.07 WARRANTY

Project Warranty: Refer to Conditions of the Contract for project warranty provisions.

Manufacturer's Warranty: Submit in accordance with Section [01 78 36 - Warranties] [\_\_\_\_\_] for Owner's acceptance, manufacturer's standard warranty document. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

Warranty Period: Twenty (20) years, commencing on Date of Substantial Completion.

#### PRODUCTS

#### 1.08 MOISTURE-RESISTANT, MOLD RESISTANT, FLAME-RATED SHEATHING BOARD

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#### Part 3.

A: GreenEboard:

Sizes: Nominal- 3' x 5', 4' x 4', 4' x 8'

Thickness: 6 mm (1/4" nominal), 12 mm (1/2" nominal). 15mm (5/8" nominal) available on order

Edges: [Square] [Long edge of 4' x 8' available tapered for taping].

Physical Characteristics:

Fungus/Mold: Non-nutrient when tested in accordance with ASTM D3273.

#### 1.09 ACCESSORIES

For installation use standard non-corroding Screws, Ring Shank Nails

#### 1.010 PRODUCT SUBSTITUTIONS

Substitutions: No Substitutions permitted.

#### EXECUTION

#### 1.011 MANUFACTURER'S INSTRUCTIONS

Compliance: Comply with manufacturer's product data, including product technical bulletins and product catalog installation instructions for installation.

#### 1.012 EXAMINATION

Site Verification of Conditions: Verify that substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

#### 1.013 INSTALLATION

In accordance with manufacturer's instructions and applicable codes.

#### 1.014 CLEANUP

Proceed in accordance with Section \_\_\_\_\_ - Final Cleaning.

NOTE: LEED credits may be applicable for MR 2.1 or 2.2

Upon completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

**END OF SECTION**