



**CONTINENTAL™**  
BUILDING PRODUCTS

Benefiting  
**SUSAN G. KOMEN.**



### Applications

Bison Board Weather Defense Sheathing Type X is designed for exterior wall and soffit applications where resistance to normal weather conditions is desired. Applicable areas include:

- Exterior wall sheathing
- Exterior soffits
- Exterior ceilings, under hangs and carports
- As a base for exterior cladding and EIFS systems

### Advantages

**Mold Resistance:** Offers enhanced protection against the growth of mold and mildew on its surface and in its core.

**Weather Resistance:** Provides protection in most applications from exposure to the elements for up to 12 months (subject to terms, conditions and exclusions of Continental's limited warranty).

**Warranted Performance:** Offers warranted performance for a period of 5 years when used as a substrate in architecturally specified Exterior Insulation and Finish Systems (EIFS). Please refer to Continental's limited warranty for all details of this warranty.

# BISON BOARD™ WEATHER DEFENSE® SHEATHING TYPE X

## FIBERGLASS MAT, MOISTURE-, MOLD- AND FIRE-RESISTANT EXTERIOR SHEATHING (TREATED CORE)

Bison Board Weather Defense Sheathing Type X is a moisture-, mold- and fire-resistant exterior wall sheathing designed to be covered by an exterior-finish cladding such as siding, brick, masonry veneer or wire-lath stucco. Its specially formulated fire-rated, moisture- and mold-resistant gypsum core is covered with a coated fiberglass mat on front, back and long edges. Bison Board Weather Defense Sheathing Type X can be used in Exterior Insulation and Finish Systems (EIFS) when specified by the EIFS manufacturer, and as a substrate for air and water-resistant barriers including wraps, self-adhesive membranes and liquid-applied coatings. To ensure optimum Type X fire resistance performance, follow recommended installation procedures for fire-rated assemblies. May be used as a thermal barrier in roof assemblies when specified by the roofing manufacturer.

Bison Board Weather Defense Sheathing Type X offers superior resistance to normal weather conditions and will provide protection in most applications from exposure to the elements for up to 12 months (subject to terms, conditions and exclusions of Continental's limited warranty). Use of a flexible sealant to fill all exposed cutouts and joints will also afford additional protection when construction is delayed for an extended period.

Bison Board Weather Defense Sheathing Type X is lightweight, scores, cuts and fastens easily, and has specially coated facers to provide irritation-resistant handling. It is designed for use in applications that require direct mechanical attachment to wood or metal framing, or steel-stud curtain walls. It can also be used as a component of fire-rated assemblies. Exterior cladding should be attached mechanically through the sheathing and directly to the framing.

As with any building material, avoiding exposure to water during handling, storage and installation is the best way to avoid the formation of mold and mildew. Bison Board Weather Defense offers enhanced protection against the growth of mold and mildew on its surface and in its core compared to paper-faced sheathing. Under controlled testing conditions, Bison Board Weather Defense achieved an average panel score of 10 out of a possible 10, the highest level of performance for mold resistance using ASTM D3273.\*

Note: Bison Board Weather Defense Sheathing Type X is not a structural product and therefore is not a replacement for plywood or structurally engineered sheathing where required for shear wall designs. Do not use Bison Board Weather Defense Sheathing Type X as a base for nailing or mechanical fastening. Fasteners shall be flush with the surface of the board; do not countersink the fastener head. Bison Board Weather Defense Sheathing Type X should not be used where temperatures exceed 125° F for extended periods or in areas of extreme humidity.

JOB NAME:

CONTRACTOR:

DATE:

## Sustainability

Can contribute to the U.S. Green Building Council's LEED Credit Qualification in several credit categories to assist in obtaining LEED certification.



**Limitations:** Weather Defense is not designed as a finished surface or for the direct application of textures, paints or coatings. Weather Defense is not designed as a nailing base. Mechanical fastening should pass through Weather Defense and fasten to the framing members. Do not immerse Weather Defense in water or subject to cascading water.

\*Weather Defense provides extra resistance against the formation of mold, but no product may be considered "mold proof." The most effective way to avoid the formation of mold and mildew in drywall products is to limit or avoid water exposure during storage and construction, and after construction is complete. Used in combination with appropriate design, handling, construction and installation practices, Weather Defense drywall can provide increased mold and mildew resistance on its surface. ASTM D3273 is the "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber" and is performed under controlled laboratory conditions. Actual storage, handling, construction and installation conditions may vary from the environment created in the independent lab, and the use of the product in actual conditions may not replicate the ASTM results.



## CONTINENTAL BUILDING PRODUCTS

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## Physical Characteristics

**Core:** Non-combustible, dimensionally stable, inert gypsum, enhanced with glass fibers for strength and fire resistance and specially formulated for mold and moisture resistance

**Facers:** Coated fiberglass;  
Front = Susan G. Komen pink and white,  
edges = white, back = platinum

**Long Edges:** Square

**Recycled Content:** 94% by weight

**Asbestos free**

**Available Sizes:**

Nominal thickness	5/8 in.
Nominal width	4 ft.
Standard length	8 ft.
Nominal weight	2.5 lbs./ft. <sup>2</sup>

## Standards and Codes

Formulated to perform in accordance with ASTM C1177/C1177M, Type X and Florida State Report FL15570-R1. Meets properties of ASTM C1396/C1396M, Section 9.

## Technical Specifications

UL classified for surface burning (File No. R16102) (per ASTM E84 and CAN/ULC-S102) Flame spread = 0; Smoke developed = 0; Meets IBC, Section 803.1, Class A

Core combustibility (per ASTM E136) Non-combustible

UL classified for fire resistance (File No. R18482) as Type LGFC-WD per ASTM E119 and CAN/ULC-S101

Mold and mildew resistant (10 out of 10 score, ASTM D3273)\*

## Installation

Install according to Gypsum Association GA-253, GA-254 or ASTM C1280. For fire-rated construction, consult GA-600 Fire Resistance Design Manual and UL Fire Resistance Directory. Install with the Continental Building Products logo toward exterior. Joint treatment is not required to maintain weatherability. Limited warranty provided upon request.

## Painting and Decorating

**Soffit and Ceiling Applications:** Treat joints with fiberglass-mesh tape and two coats of setting compound. Skim entire panel to achieve a smooth finish. Overpaint with an exterior-grade primer and two coats of exterior-grade paint applied to manufacturer's recommendations.

**EIFS Use:** Treat joints and finish as recommended by the EIFS manufacturer.

## Handling Recommendations

Stack flat, keep dry and lift (do not drag) to avoid scuffing. Avoid damage to edges. For detailed recommendations, refer to GA-216, GA-238 and GA-801.

## Safety Precautions

Wear safety glasses and NIOSH-approved respirators during cutting, breaking, rasping or other dust-producing activities.

Material Safety Data Sheets (MSDS) are available for all Continental products upon request.

