



**CONTINENTAL™**  
BUILDING PRODUCTS



### Applications

Weather Defense Sheathing 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.

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

# WEATHER DEFENSE® SHEATHING

**Continental Building Products** Weather Defense Sheathing is a moisture- and mold-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 non-combustible, moisture- and mold-resistant gypsum core is covered with a coated fiberglass mat on front, back and long edges. Weather Defense Sheathing 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.

Weather Defense Sheathing 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.

Weather Defense Sheathing 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 attachment to steel-stud curtain walls. Exterior cladding should be attached mechanically through the sheathing and directly to the framing.

While Weather Defense Sheathing has some inherent fire-resistant characteristics, this product should not be used to provide the levels of fire resistance required by various building codes and standards. For fire resistance, use Weather Defense Sheathing Type X.

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. 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, 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: Weather Defense Sheathing 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 Weather Defense Sheathing as a base for nailing or mechanical fastening. Fasteners shall be flush with the surface of the board; do not countersink the fastener head. Weather Defense Sheathing should not be used where temperatures exceed 125° F for extended periods or in areas of extreme humidity.

JOB NAME:

CONTRACTOR:

DATE:

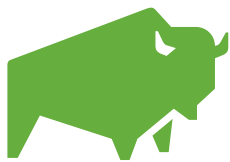
## Sustainability

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.



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### CONTINENTAL BUILDING PRODUCTS

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## Physical Characteristics

**Core:** Non-combustible, dimensionally stable, inert gypsum, specially formulated for mold and moisture resistance

**Facers:** Coated fiberglass;  
Front and back = platinum

**Long Edges:** Square

**Recycled Content:** 94% by weight

**Asbestos free**

## Standards and Codes

Formulated to perform in accordance with ASTM C1177/C1177M and Florida State Report FL15570. 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; Meeting IBC, Section 803.1, Class A

Core combustibility (per ASTM E136) Non-combustible

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

## Installation

Install according to Gypsum Association GA-253, GA-254 or ASTM C1280. 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.

## Available Sizes:

Nominal thickness	1/2 in.
Nominal width	4 ft.
Standard length	8 ft.
Nominal weight	1.9 lbs./ft. <sup>2</sup>

