

# Everboard™

## High-performance moisture and impact-resistant roof cover board that eliminates landfill waste.

### Everboard composite roof cover board

is a durable, moisture- and mold-resistant panel. The product will not disintegrate or delaminate in the presence of water. Further, the product will not crack or chip. Everboard roof cover board is suitable for wide steel deck flutes.

### Product Description

Everboard roof cover board is an engineered composite building material made from a proprietary blend of plastic and cellulose fiber recovered from post-industrial and post-consumer waste streams. The product is either fiberglass or PET-faced.

Suitable applications include:

- Overlayment/cover board
- Re-roof/re-cover board
- Mechanically fastened, adhered, and loose-lay systems

### Product Characteristics

- Superior hail and wind uplift
- Exceptional bond and low absorption in adhered systems
- Impact- and crack-resistant
- High-compressive strength
- Strong mechanical fastening capacity

### Installation

Refer to roof system manufacturer's written instructions, local code requirements, and Factory Mutual Global (FMG) and or UL LLC requirements for proper installation techniques.

Use fasteners specified in accordance with above requirements. Using approved fasteners and plates, install Everboard roof cover board flush with the surface. Fasteners should be installed in strict compliance with the roof system manufacturer's installation recommendations and FMG Loss Prevention Data Sheet 1-29. A qualified architect or engineer should review and approve calculations, framing, and fastener spacing for all projects.

Locate edge joints on, and parallel to, deck ribs. Stagger end joints of adjacent panels of Everboard roof cover board.

See product data sheet for maximum flute span capacity when installing directly over metal deck.

For cutting Everboard, a carbide-tipped circular saw is recommended with at least 60 teeth.

Always wear appropriate PPE-approved safety gear.

### Limitations

Weather conditions, dew, application techniques, and moisture drive can have an adverse effect on the performance of the roof system and are beyond the control of ReCB LLC.

Keep Everboard roof cover board dry before, during, and after installation. Everboard roof cover board should not be installed during rain, heavy fog, and any other conditions that can deposit moisture on the surface of the board. Apply only as much Everboard roof cover board as can be covered by the final roof membrane system in one day. Avoid exposure to moisture from leaks or condensation.

Wind uplift of the roof system can be affected by many factors beyond ReCB's control, including: moisture migrating into the roof assembly from inside or outside the building, proper fastener spacing, the quality of installation—especially for fasteners—and whether framing has been properly designed to meet strength and deflection criteria specified in construction documents. For all these reasons, ReCB cannot guarantee the wind uplift resistance of any roof assembly containing Everboard roof cover board.

Moisture from inside the building can be as significant a risk as moisture from outside. The design professional and contractor installing the roof should protect the roof assembly from excessive moisture during construction and after the building is enclosed. The installed HVAC system must be designed to effectively remove moisture from the interior of the building, without allowing it to migrate to the roof assembly. For re-roofing applications, the existing roofing assembly must be thoroughly dry prior to application of Everboard roof cover board.

Protective plastic or poly packaging must be removed upon delivery, to prevent condensation or the trapping of moisture within Everboard roof cover board.

Everboard roof cover board should be stored flat and off the ground with protection from the weather. If the material is to be stored outside, it should be covered with a waterproof, but breathable covering.

When applying solvent-based adhesives or primers, allow sufficient time for the solvent to evaporate. This is to avoid damage to roofing components.

Everboard roof cover board should not be subjected to abnormal or excessive loads. Common sources include the use of the product on a plaza deck, or when subjected to the loading of steel-wheeled equipment. Provide suitable roofing system protection when required.



#### Fire Performance

Meets Class A when tested  
in accordance to  
UL 790 – ASTM E108

#### Assembly Performance

Complies with  
requirements of FM 4450  
and FM 4470 – Meets FM  
Class 1

#### Compliance

Manufactured to conform to  
ASTM C1278



### Physical Properties

### 1/2" Board

**95%**  
post-consumer  
recycled  
content

Thickness, Nominal	1/2"
Width, Standard	4'
Length, Standard	8'
Pieces Per Unit (4' x 8')	30
Weight, Nominal, lbs./s.f.	2
Compressive Strength – ASTM D2394	3990 psi
Fire-Resistance UL 790 – ASTM E108	Class A
Flute Spanability – ASTM E661 – Paper-Faced	17"
Permeance – ASTM E96	<1
Mold-Resistance – ASTM D3273	10
Toxicity	Zero VOCs
Impact-Resistance – UL 2218	Class 4
Very Severe Hail	Pass
Fastener Pull-Resistance	525 lbf
Adhesion Pull-Resistance	1350 psf
Wind Uplift-Resistance – FM 4474	FM 1-90
Water Absorption (Immersion), % Max – ASTM C473	(Fiberglass-Faced) – 3.9
Water Absorption (Surface), grams – ASTM C473	(Fiberglass-Faced) – 2.8

### Submittal Approvals

Job Name

Contractor

Date