

DEXcell[®]

Roof Board

One Name For Every Application



National 
Gypsum[®]

Exclusive service provider of DEXcell[®]

Need roof board options and technical expertise?

We've got you covered.

Four Outstanding Products

The DEXcell® Roof Board product line covers the entire spectrum of commercial roofing applications. When a building houses expensive equipment or expensive people, DEXcell Roof Boards will cover more than your roof.



Choose the Best DEXcell® Roof Board Product for Your Project

Application	DEXcell® Glass Mat Roof Board	DEXcell FA™ Glass Mat Roof Board	DEXcell FA VSH™ Glass Mat Roof Board	DEXcell® Cement Roof Board
Single-Ply – Fully Adhered	—	✓	✓	✓
Single-Ply – Mechanically Attached	✓	✓	✓	✓
Single-Ply – Self Adhered	—	✓	✓	✓
Modified Bitumen – Hot Mop	—	✓	✓	✓
Modified Bitumen – Cold Adhesive	—	✓	✓	✓
Modified Bitumen – Torch	—	✓	✓	✓
Modified Bitumen – Self Adhered	—	✓	✓	✓
Built-Up Roof (BUR) – Hot Mop	—	—	—	✓
Built-Up Roof (BUR) – Cold	—	✓	✓	✓
Spray Polyurethane Foam	—	✓	✓	✓
Fluid Applied	—	✓	✓	✓
Thermal Barrier	✓	✓	✓	✓
Fire Barrier	✓	✓	✓	✓
Substrate for Vapor Barrier	✓	✓	✓	✓
Substrate for Parapet Wall	—	✓	✓	✓
Very Severe Hail - Modified Bitumen	—	✓	✓	—
Very Severe Hail - Single-Ply	—	—	✓	—
Vegetative "Green" Roof System	—	✓	✓	✓
Photovoltaic Roof System	—	✓	✓	✓
Standing-Seam Metal Roof System	✓	✓	✓	✓
Wood Shake Underlayment	✓	✓	✓	✓

Recommended
 Acceptable
 Not Recommended*

*Indicates product applications that may be used successfully, but may not be optimal in terms of cost or performance as compared to the recommended product.

Note: In situations where prolonged excessive membrane surface temperatures may be experienced, such as dark-colored membranes in Southern climates, roof surfaces that experience reflected sunlight or photovoltaic installations, DEXcell® Cement Roof Board is the preferred DEXcell® product.

Fire barrier meets FM Class 1 and UL Class A Fire ratings for roofing systems up to unlimited slope per UL 790.

DEXcell®

Glass Mat Roof Board

DEXcell® Glass Mat Roof Board is recommended for mechanically attached single-ply membranes, metal and fire/thermal barrier applications. It's manufactured with coated fiberglass facers and an enhanced moisture-resistant gypsum core. And it's coated on the front, back and sides for easy handling.

KEY FEATURES

- High-density coverboard/thermal barrier.
- Scores and snaps easily.
- Manufactured to meet ASTM C1177.
- Available in 1/4", 1/2" and 5/8" thicknesses, and 4'x8' size.
- Use as a part of a Class A, B or C roof covering. Tested in accordance with UL 1256, ULC CAN-S126 or FM 4450.



DEXcell
Glass Mat Roof Board

*A board
you'll get
attached to.*

DEXcell

FA Glass Mat Roof Board

DEXcell FA™ Glass Mat Roof Board is recommended for fully adhered single-ply membranes, modified bitumen (cold applied), fluid applied, metal, and spray foam. It's also used on the roof side of parapet walls.

KEY FEATURES

- High-density coverboard/thermal barrier.
- Heavy-duty coated fiberglass facers for improved handling, strength and adhesion.
- Scores and snaps easily.
- Manufactured to meet ASTM C1177.
- Available in 1/4", 1/2" and 5/8" thicknesses, and 4'x4' and 4'x8' sizes.



DEXcell
FA™ Glass Mat Roof Board

*A board
you'll want
to adhere to.*

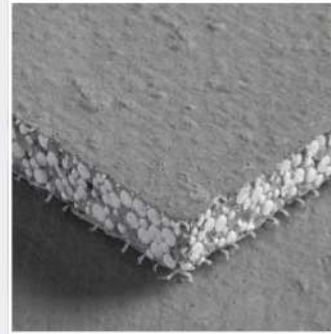
DEXcell®

Cement Roof Board

Whenever a building will be exposed to moisture or high humidity, DEXcell® Cement Roof Board is the smart choice. It is manufactured of Portland cement, lightweight aggregate and glass mesh that provides an exceptionally hard, durable surface.

KEY FEATURES

- Suitable for all roof systems, including, but not limited to, fully adhered single-ply membrane, mechanically attached roof systems, modified bitumen, built-up roof systems, fluid applied, metal, and spray foam. It's also used on the roof side of parapet walls.
- Excellent bond/pull-through uplift values.
- Ideal for hot-mopped and torched applications.
- Superior moisture resistance.
- Impact resistant, extremely durable and dimensionally stable.
- Available in 7/16" thickness, and 4'x4' and 4'x8' sizes.



DEXcell®
Cement Roof Board

*The
board
to get,
wherever
it's wet.*

DEXcell

FA VSH Glass Mat Roof Board

DEXcell FA VSH™ Glass Mat Roof Board is an excellent choice for applications requiring maximum hail and puncture resistance. Enhanced wind uplift, fire and moisture resistance and dimensional stability help to protect the assembly and the building owner's investment.

KEY FEATURES

- Achieves FM VSH approval for single ply membrane assemblies.
- For mechanically attached and adhered assemblies.
- Easier to handle and install.
- Available in 5/8" 4x4 and 4x8 sizes.
- Manufactured to meet ASTM C1177.



DEXcell
FA VSH™ Glass Mat Roof Board

*A board
to handle
the extremes.*



Technical Expertise

The National Gypsum name has been synonymous with high-quality, innovative products and exceptional customer service since 1925. Our technical experts at 1-800-NATIONAL® are always a phone call away to answer any type of product or specification question.

Building Long-Term Partnerships

National Gypsum Company is a solutions-based company with the goal of helping you make the best product choices. You can expect world-class customer service and a solid commitment to on-time delivery. Put simply, we want to be your trusted partner.

We are Building Products for a Better Future® — one project at a time.

Industry Associations



Technical Information

Visit dexcellroofboard.com or call National Gypsum Company Construction Services: 1-800-NATIONAL (628-4662).



National Gypsum Company is the exclusive service provider for products manufactured by Gold Bond Building Products, LLC and PermaBASE Building Products, LLC.

DEXcell® gypsum roof board products are manufactured by Gold Bond Building Products, LLC.

DEXcell® cement roof board products are manufactured by PermaBASE Building Products, LLC.

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