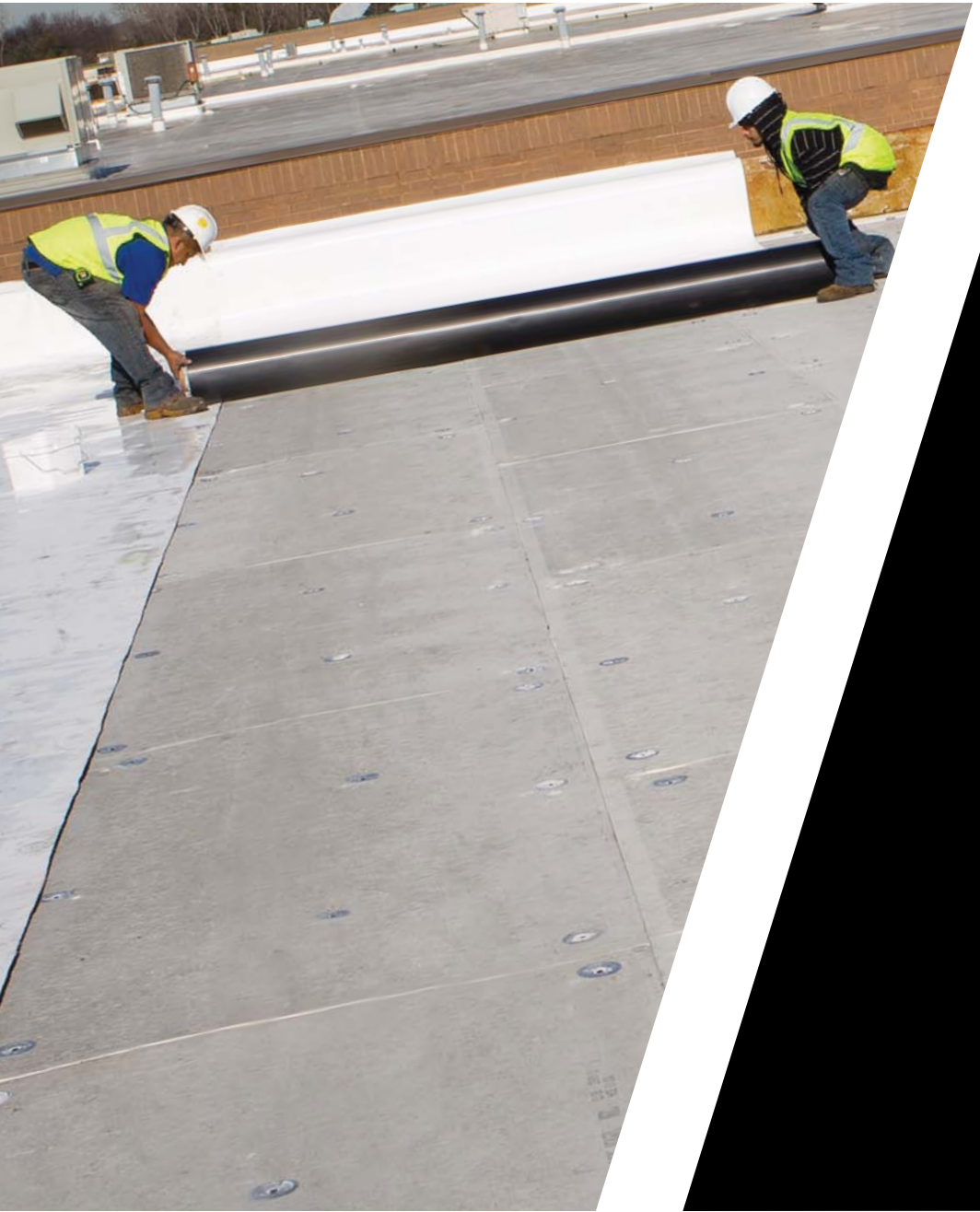


# DEXcell<sup>®</sup>

BRAND  
Roof Board

One name for every application.



**National**   
**Gypsum**<sup>®</sup>



## **Consultants. Specifiers. System Manufacturers. Contractors. Owners.**

National Gypsum is a solutions-focused company. Our goal is to help you make the best product choices by providing unmatched technical expertise. You can also expect world-class customer service and a solid commitment to on-time delivery.

**Put simply, we want to be your trusted partner.**

# Need roof board options and technical expertise? We've got you covered.

## Three Outstanding Products

The National Gypsum line of DEXcell® BRAND Roof Board 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.



- First, our DEXcell® BRAND Glass Mat Roof Board is recommended for mechanically attached systems, metal roof systems and wood shake underlayment. It's also an excellent thermal and fire barrier.
- Next, our DEXcell® BRAND FA Glass Mat Roof Board has a heavy-duty coated fiberglass facer and is ideal for fully adhered roof systems – from a vapor barrier substrate to the parapet wall.
- Finally, to provide customers with unprecedented versatility, National Gypsum makes DEXcell® BRAND Cement Roof Board. This board's superior moisture resistance makes it suitable for nearly every roof system.

## Best Choice For All Applications

Roof System Applications	DEXcell® FA Glass Mat Roof Boards	DEXcell® Glass Mat Roof Boards	DEXcell® Cement Roof Boards
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)	□	□	■
Spray Polyurethane Foam	■	□	■
Fluid Applied	■	□	■
Thermal Barrier	■*	■	■
Fire Barrier	■*	■	■
Substrate for Vapor Barrier	■	■*	■
Substrate for Parapet Wall	■	□	■
Vegetative "Green" Roof System	■*	□	■
Photovoltaic Roofing 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® BRAND

# Glass Mat Roof Board

DEXcell® BRAND 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'x4' and 4'x8' sizes
- Use as a part of a Class A, B or C roof covering. Tested in accordance with UL 1256 or FM 4450.



**DEXcell**<sup>®</sup>  
BRAND  
**Glass Mat Roof Board**

*A board  
you'll get  
attached to.*

DEXcell® BRAND

# FA Glass Mat Roof Board

DEXcell® BRAND 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

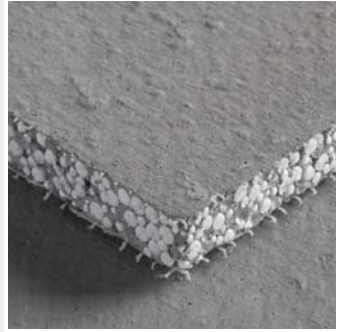


**DEXcell**<sup>®</sup>  
BRAND  
**FA Glass Mat Roof Board**

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

# DEXcell® BRAND Cement Roof Board

Whenever a building will be exposed to moisture or high humidity, DEXcell® BRAND 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.



**DEXcell®**  
Cement Roof Board

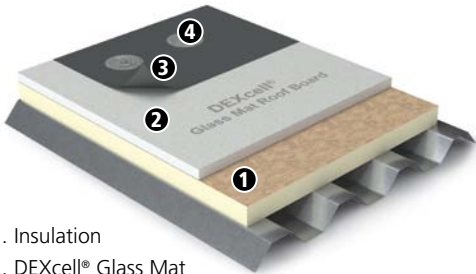
## Key Features

- 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

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

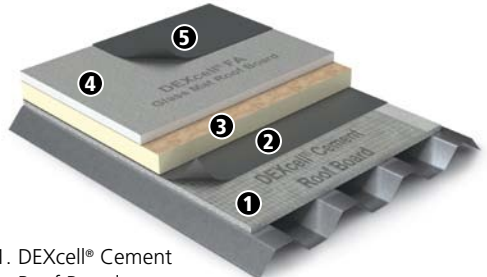
## Typical Roof System Applications

### Coverboard



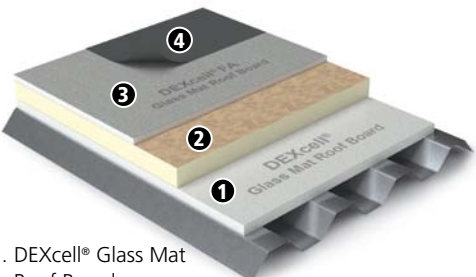
1. Insulation
2. DEXcell® Glass Mat Roof Board
3. Membrane
4. Fastener

### Thermal Barrier / Vapor Barrier



1. DEXcell® Cement Roof Board
2. Vapor Barrier
3. Insulation
4. DEXcell® FA Glass Mat Roof Board
5. Membrane

### Thermal Barrier / Coverboard



1. DEXcell® Glass Mat Roof Board
2. Insulation
3. DEXcell® FA Glass Mat Roof Board
4. Membrane

# Building Long-term Partnerships.

Making high-quality products is just the beginning at National Gypsum. We're a company of consultants, known for providing in-depth technical expertise and resources to our customers. When you specify or purchase our products, you become our partner. And we'll treat you like one. To speak directly with customer service or the technical team, please call one of the numbers below.



## Corporate Headquarters

National Gypsum Company  
2001 Rexford Road  
Charlotte, NC 28211  
Phone: (704) 365-7300  
Web: [nationalgypsum.com](http://nationalgypsum.com)  
[dexcellroofboard.info](http://dexcellroofboard.info)

## Technical Information

Phone: (800) NATIONAL  
(800) 628-4662  
Fax: (800) FAX-NGC 1  
(800) 329-6421

## Customer Service

Phone: (844) DEXcell  
(800) 339-2355  
Fax: (866) 804-1087

**National**   
**Gypsum**®