

**CertainTeed**

# CertainTeed Gypsum's Contributions to Green Building



Montage Deer Valley Resort – Park City, Utah

**CertainTeed**  
SAINT-GOBAIN





Marriott - Normal, Illinois

## CERTAINTEED GYPSUM PLANT LOCATIONS:

Calgary, AB  
 Carrollton, KY  
 Cody, WY  
 Fort Dodge, IA  
 Junction City, KS  
 Kent, WA  
 Las Vegas, NV  
 McAdam, NB  
 Montreal, QC

Moundsville, WV  
 Napa, CA  
 Nashville, AR  
 Roxboro, NC  
 Oakville, ON  
 Seattle, WA  
 Toronto, ON  
 Vancouver, BC  
 Winnipeg, MB



SUSTAINABLE MATERIALS  
RECYCLED CONTENT



FIRE  
RESISTANCE



MOISTURE &  
MOLD RESISTANCE



INDOOR AIR  
QUALITY



ACOUSTICS



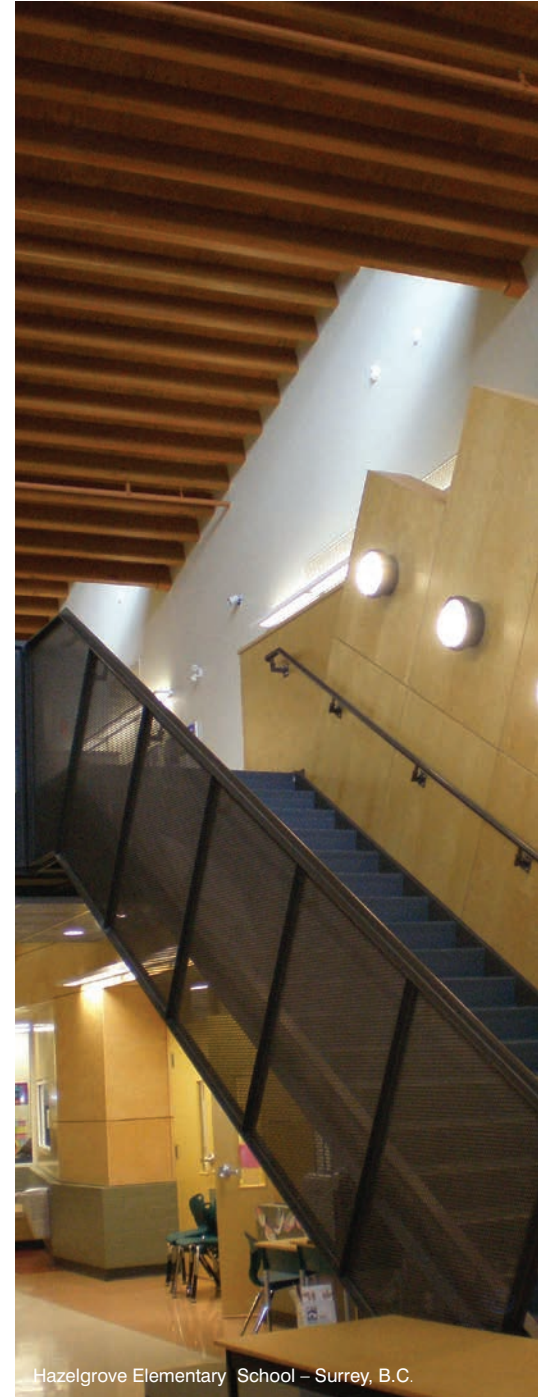
DURABILITY

CertainTeed Gypsum operates its manufacturing facilities with a responsible and environmentally conscious ethic that includes reclamation, preservation of natural resources, recycling and waste management.

CertainTeed®, M2Tech®, AirRenew®, and Easi-Lite™ gypsum boards contain up to 99% total recycled content depending on plant location. Multiple our plants have implemented construction waste management programs that incorporate clean, post-consumer gypsum board back into the production process.

Gypsum board product innovation is also carried out with a focus on environmental responsibility; research and development emphasize minimizing environmental impacts to the greatest extent possible.

Visit [www.CertainTeed.com/Sustainable](http://www.CertainTeed.com/Sustainable) for technical information, project and application case studies, free continuing education (CEU) courses, CAD drawings and BIM objects, our corporate sustainability report, product data sheets, and other information. For green building design, material selection, and documentation, CertainTeed Gypsum online tools include ecoScorecard™: [CertainTeedGypsum.ecoScorecard.com](http://CertainTeedGypsum.ecoScorecard.com)



Hazelgrove Elementary School - Surrey, B.C.



LLOG – Covington, Louisiana

## green facts

- Our gypsum board, paperless glass-mat board, finishing compound and joint tape manufacturing locations can provide regional materials coverage throughout North America.
- Product sustainability claims have been independently validated by UL Environment under the Environmental Claims Validation (ECV) program.
- AirRenew® IAQ Gypsum Board, SilentFX® Noise-Reducing Board, and M2Tech® Moisture and Mold Resistant Gypsum Board products are specially formulated for applications where enhanced moisture and mold resistance is preferred. Products are GREENGUARD® Gold and GREENGUARD Certified.
- GlasRoc® Sheathing, Shaftliner and Diamondback® Tile Backer are paperless, moisture and mold resistant products. Diamondback Tile Backer is GREENGUARD Gold Certified.
- CertainTeed Gypsum is committed to resource conservation:
  - The face and back paper used for our wall and ceiling board consists of up to 100% recycled paper.
  - Synthetic gypsum, specifically FGD (flue-gas desulfurization) gypsum, is used at plants where sources are available. Using synthetic gypsum to make board enables beneficial use of a material that would otherwise be landfilled and enables total recycled content of up to 99%.



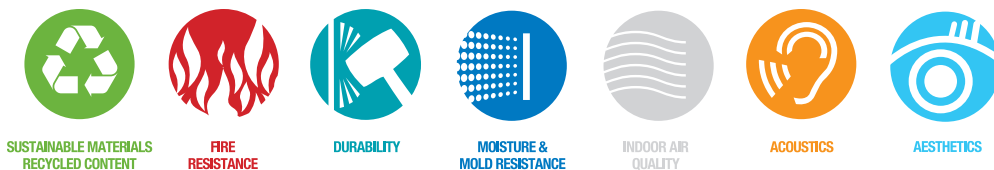
Montage Deer Valley Resort – Park City, Utah



# discover sustainability



For sustainable design and construction of commercial, institutional, and residential projects, CertainTeed Gypsum provides a broad range of application and performance options. For ceiling and wallboard, we offer products that contribute to indoor air quality, acoustics, fire resistance, moisture and mold resistance, recycled content, regional materials, and potentially innovation in design needs, as well as overall durability, aesthetics, and sustainability of a building.





Xavier University – New Orleans, Louisiana

# working together

## Product



SUSTAINABLE MATERIALS  
RECYCLED CONTENT



FIRE  
RESISTANCE



MOISTURE &  
MOLD RESISTANCE



INDOOR AIR  
QUALITY



ACOUSTICS

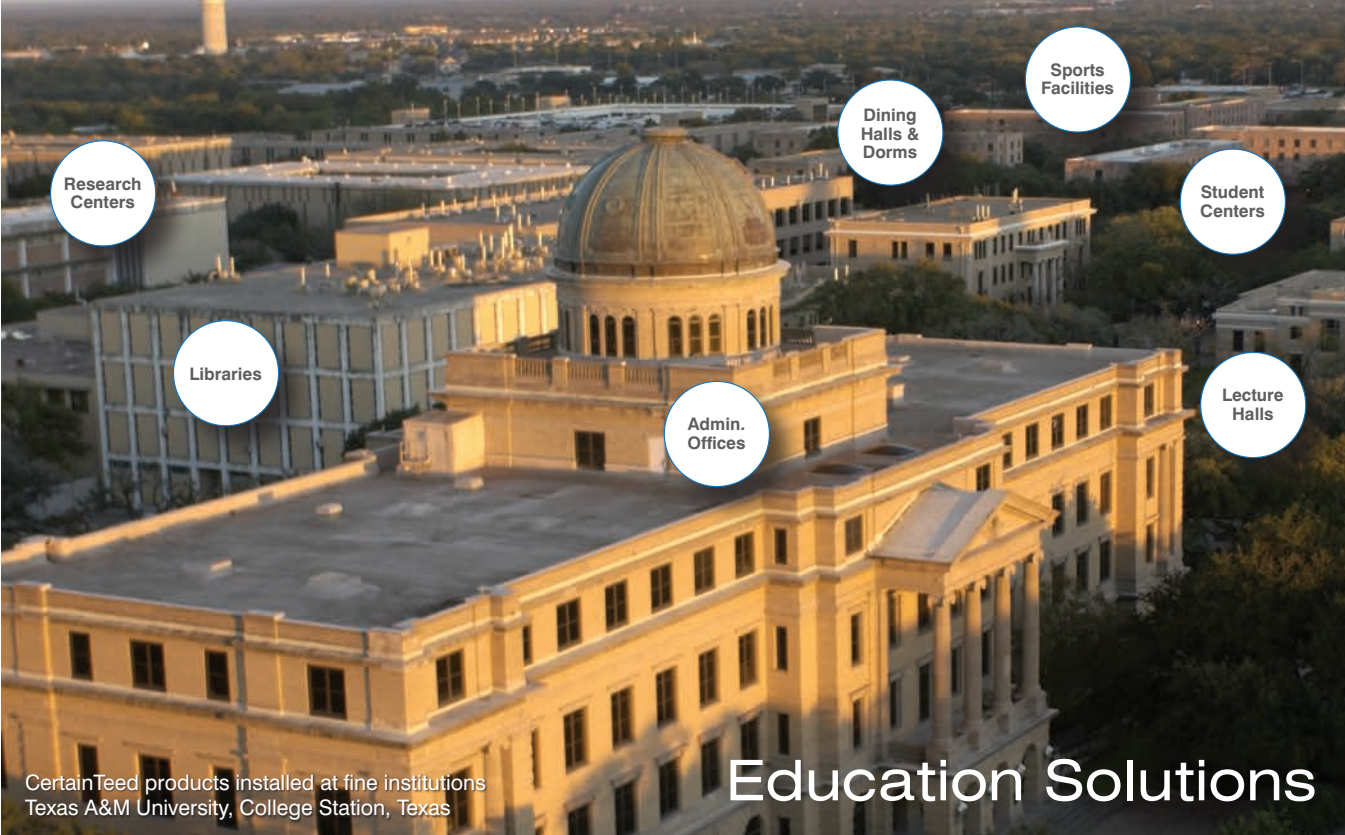


DURABILITY

Wall & Ceiling Boards	Sustainable Materials Recycled Content	Fire Resistance	Moisture & Mold Resistance	Indoor Air Quality	Acoustics	Durability
CertainTeed® Regular Gypsum Board	●					
CertainTeed® Type X Gypsum Board	●	●				
CertainTeed® Type C Gypsum Board	●	●				
Easi-Lite™ Lightweight Gypsum Board	●					
Easi-Lite™ Veneer Plaster Base	●					
M2Tech® Gypsum Board	●		●			
M2Tech® Type X Gypsum Board	●	●	●			
M2Tech® Shaftliner Type X		●	●			
CertainTeed® Interior Ceiling Board	●					
CertainTeed® Veneer Plaster Base	●					
CertainTeed® Veneer Plaster Base Type X	●	●				
CertainTeed® Veneer Plaster Base Type C	●	●				
CertainTeed® Sheathing Treated Core	●					
CertainTeed® Sheathing Treated Core Type X	●	●				
CertainTeed® Exterior Soffit Board Type X		●				
AirRenew® M2Tech® Indoor Air Quality Gypsum Board	●		●	●		
AirRenew® M2Tech® Type X Gypsum Board	●	●	●	●		
AirRenew® Extreme Abuse Type X Gypsum Board	●	●	●	●		●
AirRenew® Extreme Impact Type X Gypsum Board	●	●	●	●		●
AirRenew® Essential	●			●		
AirRenew® Essential Type X	●	●		●		
SilentFX® Noise-Reducing Gypsum Board			●		●	●
SilentFX® Noise-Reducing Type X Gypsum Board		●	●		●	●
GlasRoc® Sheathing			●			
GlasRoc® Sheathing Type X		●	●			
GlasRoc® Shaftliner Type X		●	●			
Diamondback® GlasRoc® Tile Backer			●			
Diamondback® GlasRoc® Tile Backer Type X		●	●			
GlasRoc® Roof Board			●			
GlasRoc® Roof Board Type X		●	●			
CertainTeed® M2Tech® Level V Primer/Surfacer			●			
AquaBead Flexible Corner Bead						●
Optimus™ Corner Bead						●



# sustainable building materials



Sustainable facilities incorporate unique designs, solid construction, and quality building materials that will contribute to the overall environment and longevity of the building. Whether it's indoor air quality, moisture and mold resistance, fire safety, acoustics, or sustainable materials that are being specified for nearly any area of a building or home, CertainTeed offers the broadest range of interior and exterior building products in the industry.







CertainTeed Gypsum offers sustainable wallboard & finishing products that perform, protect and provide comfort for you and your family.

Request these innovative building materials by CertainTeed:

#### **AirRenew® Indoor Air Quality Wallboard**

- Helps improve the air indoors by capturing VOCs\*, converting them into safe, inert compounds that are harmless and cannot be released back into the air
- Features M2Tech® technology for moisture and mold resistance, further reassurance of good indoor air quality
- Keeps working even after multiple coats of water- or acrylic- based paints, or breathable wallpaper, and can be renovated or recycled like standard wallboard
- Keeps working, improving your home's indoor environment, for years to come.

#### **SilentFX® Noise-Reducing Wallboard**

- Designed to reduce noise transmission between rooms, keeping sounds in or out of living spaces
- Ideal for patient exam rooms, lecture or music halls, classrooms, media rooms, nurseries and utility rooms

- Features M2Tech® technology for moisture and mold resistance.

#### **GlasRoc® Diamondback® Tile Backer**

- A tile substrate for walls, ceilings, countertops
- Specially designed to meet the demands of high moisture areas such as restrooms, kitchens, and utility rooms
- Appropriate for tile and non-tile installations in wet and nonwet areas

#### **M2Tech® Moisture- and Mold-Resistant Board and Finishing**

- Specially formulated to help inhibit mold growth on interior walls and ceilings

All of the above products are excellent for residential, commercial, and institutional applications, such as homes, condominiums, offices, hospitals, and schools.

\* Volatile organic compounds (formaldehyde and other aldehydes)

# CERTAINTEED GYPSUM PRODUCT CONTRIBUTIONS\*

NAHB (Based on National Green Building Standard, ICC 700-2012)

Credit	Description	Possible Points
<b>RESOURCE EFFICIENCY</b>		
604.1	Recycled Content	2-6
609.1	Regional Materials	2
610.1	Life Cycle Analysis	1-15
611.1	Manufacturer's Environmental Management System Concepts	1-10

LEED-H (Based on LEED-H, 2008)

Credit	Description	Possible Points
<b>MATERIALS &amp; RESOURCES</b>		
MR 2.2	Environmentally Preferable Products—Materials	0.5
MR 2.2	Environmentally Preferable Products—Local	0.5

LEED-NC, LEED-CS and LEED for schools (Based on LEED Version 3, 2009)

Credit	Description	Possible Points		
		NS	CS	SCHOOLS
<b>MATERIALS &amp; RESOURCES</b>				
MR 2	Construction Waste Management	1-2	1-2	1-2
MR 4	Recycled Content	1-2	1-2	1-2
MR 5	Regional Materials	1-2	1-2	1-2
<b>INDOOR AIR QUALITY</b>				
IEQ 4.6	Low-Emitting Materials—Ceiling and Wall Systems	1	NA	1

LEED-CI (Based on LEED-CI Version 3, 2009)

Credit	Description	Possible Points
<b>MATERIALS &amp; RESOURCES</b>		
MR 2	Construction Waste Management	1-2
MR 4	Recycled Content	1-2
MR 5	Regional Materials	1-2

\* Visit [www.buildingresponsibly.com](http://www.buildingresponsibly.com) for more details about which products qualify for these credits and full credit descriptions.



CertainTeed, M2Tech®, AirRenew® and Easi-Lite® products have been NGBS Green Certified™ by the Home Innovation Research Labs to automatically earn points for this particular credit.



[ **Be Certain** ] Confidence worth building on.™

## ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE  
GYPSUM • CEILINGS • INSULATION

[www.certainteed.com](http://www.certainteed.com) <http://blog.certainteed.com>

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