

Georgia-Pacific Gypsum Sustainable Materials Data Sheet

(See MSDS for additional information)

Product and Company Identification

Product Name: DensShield® Tile Backer. Performance qualities of this product based upon material composition are obtained by referencing ASTM C 1178 and applicable sections of ASTM C 630.

Product Use: Coated Fiberglass mats, moisture-resistant gypsum tile backer board with a primed positive side surface.

<p>Manufactured by: Georgia-Pacific Gypsum LLC 133 Peachtree Street Atlanta, GA 30303 (404) 652-2782 (Technical Information) (404) 652-5119 (MSDS Request)</p>	<p>Georgia-Pacific Canada, Inc. Allanburg Road Thorold, Ontario L2V 3ZB, Canada (404) 652-2782 (Technical Information) (404) 652-5119 (MSDS Request)</p>
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Materials and Resources (MR) Recycled Content

LEED for New Construction: MR 4.1 & 4.2

LEED Core & Shell: MR 4.1 & 4.2

LEED for Retail: MR 4.1 & 4.2

LEED for Schools: MR Credit 4

Manufacturing Location	Total Recycled Content	Pre Consumer Recycled Content	Post Consumer Recycled Content
Acme, TX	0%	0%	0%
Camden, NJ	5%	5%	0%
Ft. Dodge, IA	6%	6%	0%

Plants are being added on an on-going basis. Please call the Technical Information Line at 404-652-2782 to determine if a closer plant has been brought on-line.

Materials and Resources (MR) Local and Regional Materials

LEED for New Construction: MR 5.1 & 5.2

LEED Core & Shell: MR 5.1 & 5.2

LEED for Retail: MR 5.1 & 5.2

LEED for Schools: MR Credit 5

Please determine the distance in statute miles to your project site from the closest DensShield manufacturing location.

Manufacturing Location	Extraction Location
Acme, TX	Acme, TX
Savannah	Port Hawkesbury, Nova Scotia
Camden, NJ	Port Hawkesbury, Nova Scotia
Ft. Dodge, IA	Ft. Dodge, IA

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Environmental Quality (EQ)

LEED for New Construction: EQ Credit 3.1 Construction IAQ Management Plan: During Construction

LEED Core and Shell: EQ Credit 3 Construction IAQ Management Plan: During Construction

LEED for Retail: EQ Credit 3.1 Construction IAQ Management Plan: During Construction

LEED for Schools: EQ Credit 3 Construction IAQ Management Plan: During Construction

Potential Technologies and Strategies

The use of DensShield® can be considered a potential technology and a component of an IAQ management plan during construction. By the nature of its fiberglass mat construction, it avoids the contamination of absorptive materials such as traditional paper-faced gypsum.

When tested as manufactured, product resists growth of mold pursuant to the test method ASTM D 3273 and may qualify for a LEED Credit based upon the environmental mitigation of mold and mildew related to Indoor Air Quality (IAQ). Additionally, in fire-rated assemblies, product is a Type X product according to ASTM E 119 and ASTM C 1178.

LEED for Schools: EQ Credit 4 Low Emitting Materials, Option 6 Ceiling and Wall Systems

The option calls for products including gypsum board to meet VOC emission requirements. Potential technology and strategy is to use low emitting materials. DensShield Tile Backer is listed by the Collaboration for High Performance Schools (CHPS) as a low emitting material.

LEED for Schools: EQ Credit 10 Mold Prevention

The use of DensShield Tile Backer meets the intent to reduce the presence of mold in schools through preventive design and construction measures. Dens™ Brand products are listed as microbial resistant by the GREENGUARD Environmental Institute. Mold resistant gypsum board is suggested in the GREENGUARD® for Building Construction Program as a part of its comprehensive program for preventing mold during the design and construction phase of a project.

Third Party Listings

- Collaboration for High Performance Schools (CHPS)
 - Low emitting materials (LEM) listing
- GREENGUARD® Microbial Resistance Listing
- GreenSpec-Listed Green Building Products
 - www.buildinggreen.com

**All LEED rating point references are suggested applications of Dens™ Brand products to the LEED rating system. LEED applicants should use their own objective determinations of product attributes for LEED certification purposes.*



SALES INFORMATION AND ORDER PLACEMENT

U.S.A. Midwest: **1-800-876-4746** West: **1-800-824-7503**
South: **1-800-327-2344** Northeast: **1-800-947-4497**

CANADA Canada Toll Free: **1-800-387-6823**
Quebec Toll Free: **1-800-361-0486**

TECHNICAL INFORMATION

Georgia-Pacific Gypsum Technical Hotline
U.S.A. and Canada: **1-800-225-6119**
www.gpgypsum.com



CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

TRADEMARKS

DENSSHIELD, DENS and the GEORGIA-PACIFIC logo are trademarks owned by or licensed to Georgia-Pacific Gypsum LLC. The GREENGUARD mark is a registered certification mark used under license through the GREENGUARD Environmental Institute. CHPS is a trademark owned by Collaborative for High Performance Schools, Inc.

UPDATES AND CURRENT INFORMATION

The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

LIMITATION OF REMEDIES AND DAMAGES

Unless otherwise stated in our written warranty for these products, our sole liability for any product claim shall be limited to reimbursement of the cost of repair or replacement of the affected product, up to a maximum amount of two times the original purchase

price for the affected product. We shall not be responsible under any circumstances for lost profits, damage to a structure or its contents, or indirect, incidental, special or consequential damages. Claims shall be deemed waived if they are not submitted to us in writing within ten (10) days after discovery of a product defect/circumstance giving rise to a claim.

CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

HANDLING AND USE

CAUTION: This product contains fiberglass facings which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask or NIOSH/MSHA approved respirator as appropriate in

dusty or poorly ventilated areas. For additional product fire, safety and use information go to www.gp.com/safetyinfo or call 1-800-225-6119.

FIRE SAFETY CAUTION

Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.