

12 Week Mold Test

for Select GP Dens™ Interior Products

300%
LONGER
THAT'S
HUGE!

> **The Challenge:** Stopping the growth of harmful mold in its tracks.

Why do so many architects and contractors put Dens™ interior products from Georgia-Pacific at the top of their list? Maybe it's because of our long history of "firsts". We were the first to offer fiberglass mat products, the first to achieve a top rating of 10 under ASTM D 3273 and the first to offer an extended Weather Exposure Limited Warranty. We also led the way in GREENGUARD Indoor Air Quality Certified® for low VOC and were the first to be Collaborative For High Performance Schools certified for low emitting product. *Now the Maker of Dens products has done it again: the first interior products to show zero mold growth after 12 full weeks in an independent test.*¹

 Georgia-Pacific
DensArmor Plus®
High-Performance Interior Panel

 Georgia-Pacific
DensShield®
Tile Backer

> **The Products:** An interior protection with zero tolerance for mold

For more than 20 years, the Dens fiberglass mat products have proven to be one of the most versatile and highest performing lines on the market. During these two decades of innovation and quality, the Dens products have also built an enviable reputation for resisting mold. This time, however, our interior product line would be put to the ultimate test. *DensArmor Plus® High-Performance Interior Panel and DensShield® Tile Backer interior products were tested and passed.*

> **The Test:** A rigorous showdown with the really nasty stuff

Testing was conducted by an independent third party, The Research Triangle Institute (RTI) of Research Triangle Park, NC. in accordance with EPA protocol.² RTI added several test enhancements and modifications to make this the most rigorous test in the industry. Test samples underwent direct inoculation of two types of molds: *Aspergillus versicolor* and *Stachybotrys chartarum*. Direct inoculation of the mold spores made this a much more demanding test. The test period was 12 weeks—three times longer than other tests (usually 3 to 4 weeks) used to measure mold growth. Performance was based on actual spore count and not visual ratings, which are subjective.

> **The Results:** Zero Mold Growth after twelve weeks. **THAT'S HUGE.**

After testing under these demanding conditions, DensArmor Plus High-Performance Interior Panel and DensShield Tile Backer interior products showed *zero mold growth after 12 full weeks*. The result is especially significant when you consider the fact that there is no other competitor's published tests showing similar results.

continued on reverse



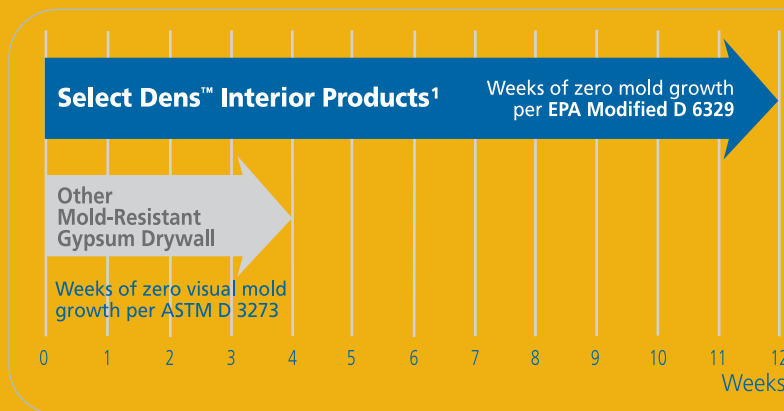


> **The Solution:** Dens™ interior products are a clear winner over time.

With its ability to resist mold for 12 weeks and outlast other mold-resistant gypsum drywall by 300%, you can see why Dens interior fiberglass mat products remains the top choice in the market today. *For strength, performance, durability and now long-term mold resistance, Dens products leave all other imitators behind.*

	ASTM D 3273	ASTM D 6329 GREENGUARD	EPA ²
Test Duration	28 Days	21 Days	84 Days
Direct Inoculation	NO	YES	YES
Scoring	1-10 Scale <i>based on visual observation; only a score of 10 means ZERO mold spores are present</i>	1-4 Scale <i>based on actual spore count; 4 = highly resistant to mold growth</i>	NO GROWTH <i>means ZERO mold growth; based on actual spore count</i>
GP Dens Scored	10	4	No Growth ³

We got a **big fat ZERO** on a **really tough test** and we couldn't be happier with the result.



Only Georgia-Pacific Dens™ interior products have been tested by a third party to EPA standards (protocol)² to have **ZERO mold growth for 12 full weeks.**



U.S.A. – Georgia-Pacific Gypsum LLC
Canada – Georgia-Pacific Canada, ULC

TECHNICAL INFORMATION

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

¹ Interior products tested include DensArmor Plus High-Performance Interior Panel and DensShield Tile Backer.

² www.epa.gov/etv/este.html#mrbmgw

³ as defined by RTI test protocol

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WARRANTIES, REMEDIES AND TERMS OF SALE

For current warranty information for this product, please go to www.gpgypsum.com and select the product for warranty information. All sales of this product by Georgia-Pacific are subject to our Terms of Sale available at www.gpgypsum.com.

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.

CAUTION For product fire, safety and use information, go to www.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.

MOLD TESTING The mold resistance of any building product when used in actual job site conditions may not produce the same results as were achieved in the controlled, laboratory setting. No material can be considered mold proof. When properly used with good design, handling and construction practices, Dens™ Brand gypsum products provide increased mold resistance compared to standard paper-faced wallboard.