

**When we made
DensArmor Plus®,
we broke the
mold.**



Molds can be detected in virtually every environment and can be found year round indoors and outdoors.

Source -
<http://www.cdc.gov/mold/faqs.htm>



It has been estimated that 70% of homes have mold inside the walls. Moisture in your home can become trapped there and whenever there's moisture and a food source, there's the potential for mold.

Traditional drywall has paper facings. When there is the right combination of moisture, temperature and a food source, it's possible for mold to develop on paper faced drywall.

Substitution of glass mat facings for the paper facings found on regular drywall helps to remove a potential food source for mold development.

DensArmor Plus® is designed to be used as a replacement for traditional paper faced drywall for residential interiors. Incorporating glass mat facings, DensArmor Plus provides superior moisture and mold resistance when compared to regular paper faced drywall.*

*When tested, as manufactured, in accordance with ASTM D 3273.

www.stopfeedingmold.com



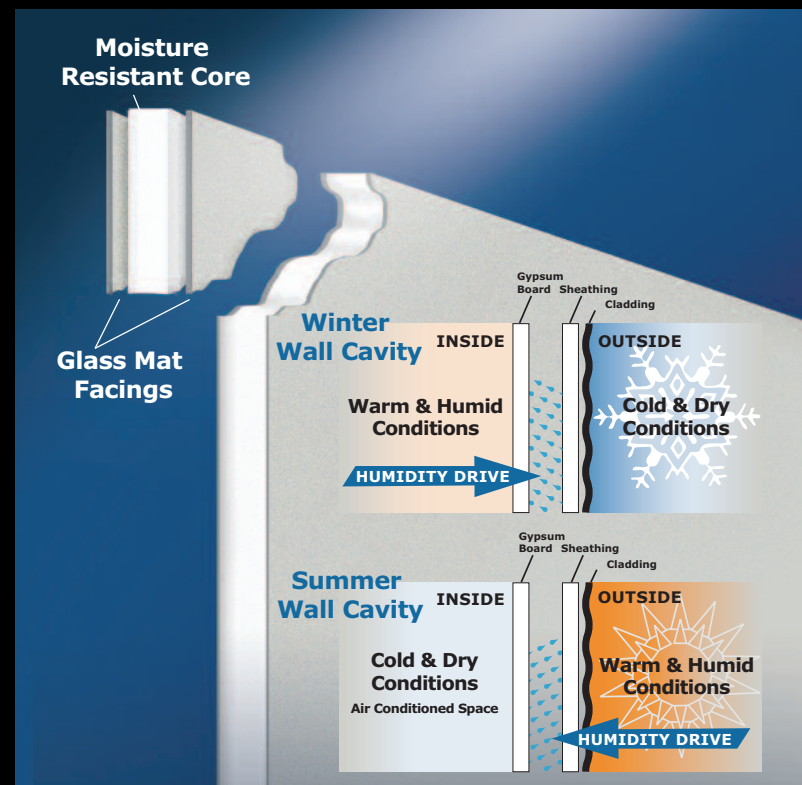
As the illustration shows, the key to DensArmor Plus® paperless drywall's superior ability to resist mold is its ingenious technology — glass-mat facings on both sides instead of the paper facings used in traditional drywall.

No paper on the surface means minimizing the opportunity for mold to develop on the drywall. It's that simple. And that revolutionary.

Homeowners - When building or remodeling, ask your contractor to use DensArmor Plus drywall.

Builders/Remodelers - Homeowners are becoming increasingly aware of problems associated with excessive moisture and the potential for mold in residential construction. As such, DensArmor Plus is the ideal choice for your homeowners. While it costs a nominal amount more than paper faced drywall, it is affordable, available and installs in the same steps as regular gypsum drywall.

70-80% of all interior surfaces of a typical home are comprised of drywall.



Mold Growth In Heating Season

In a heated climate, mold grows on interior surfaces. Typically, the interior surfaces of exterior walls are cool (due to heat loss), while moisture levels within the conditioned space are high. Mold growth can be controlled in two ways:

- (1) by preventing the interior surfaces of exterior walls and other building assemblies from becoming too cold, and
- (2) by limiting interior moisture levels. Adding insulation to a wall or ceiling raises the temperature of the inner surface. Controlled ventilation and control of moisture sources limit interior moisture levels.

Mold Growth In Cooling Climate

If exterior humid air comes in contact with the cavity side of cooled interior gypsum board, its relative humidity can rise above 70% and mold growth can occur in the cavity. Impermeable wall coverings such as vinyl wallpaper can make the problem worse by trapping moisture between the interior finish and the gypsum board.

Source: Home Energy Magazine Online

Molds can grow on virtually any substance providing moisture is present. There are molds that can grow on wood, paper, carpet and foods.



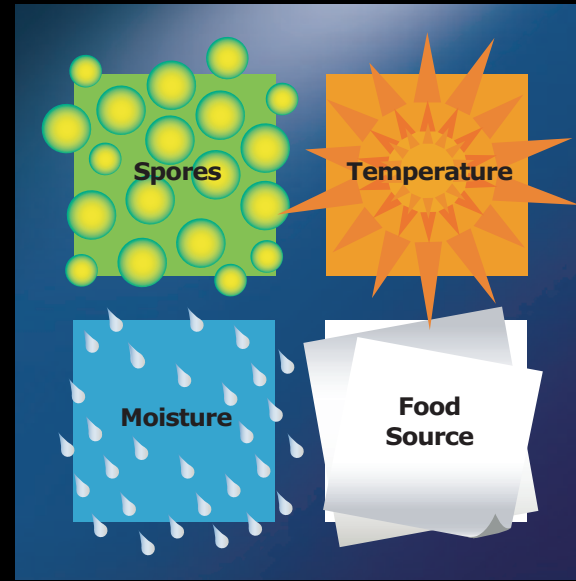
Homes are built to control moisture through design features like overhangs, gutters and flashing and other products and systems. However, some modern homes, for a variety of reasons, have encountered moisture-related performance problems. One of the causes identified by experts in the field is that houses today are designed and built with more corners, angles, hips, slopes, nooks, crannies and other design features that place greater demands on proper detailing and workmanship to keep the weather and moisture out. Those demands are not always met. More stringent energy codes may also be a contributing factor. By encouraging houses to be sealed tightly, these codes, experts point out, can exacerbate interior condensation problems.

DensArmor Plus® moisture- and mold-resistant dry-wall is an ideal replacement for regular paper faced drywall for all interior wall surfaces as well as areas such as basements and bathrooms.

To learn more about Best Building Practices, visit www.builditbetter.com



Mold needs four key factors to grow. Moisture and organic food are the easiest to manage in buildings.



Substitution of glass mat facings for the paper facings found on regular drywall helps to remove a potential food source for mold development. DensArmor Plus® with its glass mat facings, is designed to be used as a replacement for traditional paper faced drywall for residential interiors.

DensArmor Plus® installs using the same steps as regular drywall.

Applications for DensArmor Plus®:

- Ideal replacement for regular drywall throughout the home
- Replacement for regular drywall in areas prone to mold growth such as kitchens, laundry rooms and basements
- Ideal replacement for Greenboard

The materials you will need are:

- DensArmor Plus® Interior Drywall (Use our online calculator to estimate the number of pieces you'll need for your product at www.stopfeedingmold.com)
- Fasteners
- Cornerbeads (if needed)
- Joint Compound
- Paper or fiberglass tape for the joints
- Primer and paint or other wall covering

The basic tools you will need are:

- Drywall knife with heavy-duty blade
- Drywall hammer or regular crown-headed carpenter's claw hammer
- T-square or steel straightedge
- Steel tape measure
- Keyhole or utility saw
- Joint finishing knives – 5 and 10 blades
- Plastic pan for joint compound

- Sandpaper, medium texture (80 to 100 grit) and sanding block for joint finishing
- Damp sponge
- Pencil
- Safety glasses
- Dust mask
- Protective gloves and loose fitting long sleeved shirt and long pants

CAUTION: When working with tools, always wear approved safety glasses.

Priming and Paint

Georgia-Pacific recommends one coat of high quality, high build primer and two coats of paint.

Sizes and Edges

Thickness: 1/2"; Width: 4'; Lengths: 8', 10' and 12', other lengths may be available; Edges: Tapered

Core

Reinforced with glass fibers, increasing the product's strength. The core and the coated facings made with glass fibers offer greater moisture and mold resistance and improved dimensional stability than regular gypsum drywall. The product resists warping, rippling and buckling.

Applicable Standards and Technical Data

Appropriate sections of ASTM C 36 and ASTM C 1396 (Physical Properties); CSA-A82.27-M

Resists the growth of mold when tested, as manufactured, according to ASTM D 3273.

As a replacement for moisture resistant paper-faced drywall (Greenboard), DensArmor Plus has physical properties conforming to the applicable sections of ASTM C 1658.

Mold never sleeps. Although it is not known how many species of fungi exist, estimates range from tens of thousands to perhaps three hundred thousand or more.



For full installation and finishing instructions, visit www.stopfeedingmold.com

Homeowners - Ask your contractor to use this innovative product from Georgia-Pacific for your next remodeling project or new home construction.

Builders/Remodelers - Offer the option of DensArmor Plus to your homeowners. Your job will be easier because DensArmor Plus resists warping, rippling and buckling. Other drywall cannot stack up to the moisture and mold resistant properties of DensArmor Plus.



To support better indoor air quality, DensArmor Plus is now GREENGUARD Indoor Air Quality Certified® for low chemical emissions. The product is also listed by GREENGUARD as a microbial resistant product.

**STOP
FEEDING MOLD®**
WITH  **DensArmor Plus®**

1. Most walls inside homes are made of paper-faced drywall.
2. Mold eats paper.
3. If you eliminate the paper you help reduce the chances for mold.
4. Insist on DensArmor Plus® drywall, the revolutionary glass mat faced drywall.

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**For more information on DensArmor Plus, visit www.stopfeedingmold.com
For information on all Georgia-Pacific products, visit www.gp.com/build**

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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.

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

HANDLING AND USE CAUTION: This product contains fiberglass. Fibers and dust may be released from this product during normal handling and may result in skin, eye and respiratory irritation. Avoid breathing dust and contact with the skin and eyes. Follow these standard work practices: Wear a loose-fitting, long-sleeved shirt and long pants, protective gloves and eye protection (goggles or safety glasses with side shields). Wear a dust mask when sanding. Additional protection such as NIOSH-approved dust mask may be needed in poorly ventilated areas or when very dusty. For Material Safety Data Sheet or additional information, call 1-800-225-6119 or visit www.gpgypsum.com.

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