

ReWall® EssentialBoard

100% Recycled Building Material

ReWall EssentialBoard is a unique panel product made of 100% recycled material. The content is shredded and compressed, giving the user a sustainable and superior performing panel. The ReWall EssentialBoard is made of a water resistant core and surfaced with paper facing on both sides. Custom size boards are available upon request.

Applications

ReWall EssentialBoard is designed for use as exterior wall sheathing, underlayment for resilient flooring materials and interior wallboard for abuse and moisture-challenged areas. The EssentialBoard's versatility makes it an ideal product for residential, commercial, institutional and agricultural applications.

Limitations

As with comparable building products, ReWall EssentialBoard should only be exposed to moisture for short periods of time. The EssentialBoard is not intended for applications other than what is specified.

Specifications

Properties	3/8" EssentialBoard	1/2" EssentialBoard
Width	4' ± 1/8"	4' ± 1/8"
Length	4' to 9' ± 1/4"	4' to 9' ± 1/4"
Thickness	3/8" ± 1/16"	1/2" ± 1/16"
Weight	1.5 lbs./sf	1.75 lbs./sf
Density	37pcf ± 0.5	37pcf ± 0.5
Surface/Edge	Paper/Square	Paper/Square
Shear Value	479 plf	574 plf
Bending Value	3,895 psi	4,674 psi
Thermal Resistance	0.65 R-Value	1.0 R-Value
Sound Transmission Class	16 db	26 db
Water Vapor Transmission	0.87 Perms	0.69 Perms
Volatile Organic Compounds	None	None
Mold Resistance	10 out of 10	10 out of 10
Flame Spread and Smoke Index	Class C	Class C



Sustainability

Everything we need for our survival and well-being depends on our natural environment. In order to promote conditions in which humans can continue to exist with clean water, air and soil, we proudly make our building products from 100% recycled beverage cartons, cups and their components. Our eco-friendly process differs vastly from manufacturing of the traditional materials ReWall replaces. We use no formaldehyde glues, water or hazardous chemicals. We take a typically very hard to recycle composite material (cartons) and upcycle them into very durable, moisture and mold resistant composite panels. Our products improve air quality because they emit no VOCs. Recycled and recyclable ReWall can be used to gain easy LEED and NGBS certification. Many call it a resource efficient. We call it the ReWallution.

Working with EssentialBoard

- Cut ReWall EssentialBoard with any commercial or common woodworking tools. Keep blades sharp for best results and always wear safety goggles.
- Install ReWall EssentialBoard using #6 screws or nails at 6" o.c. spacing or as indicated by A/E of record.

Limited Warranty – The ReWall Company, LLC (ReWall) warrants that all products manufactured by ReWall are free from defects in material and workmanship using manufacturers' specifications as a standard. Only products that are installed and used with applicable ReWall instructions or specifications are warranted by ReWall. All warranty claims must be made, in writing, within 30 days of discovery of the defect, or within five years after the date of the shipment of the product by ReWall, whichever is later. Any claims made outside of this period are waived. ReWall disclaims all implied warranties including warranty of merchantability and fitness for a particular purpose. This warranty shall serve as the exclusive remedy for all claims arising from your status as a buyer of ReWall products. This limited warranty may not be modified or amended except by a written agreement authorized and signed by an authorized representative of ReWall. Without an express, written authorization from ReWall, no retailer or distributor of ReWall products has the ability to modify or amend this warranty.

Limitation of Liability – This warranty is your sole and exclusive warranty for all claims arising from your status as a buyer of ReWall products, including defects in material and workmanship. It is expressly understood and agreed that the limit of liability will be, at ReWall's option, repair, re-supply of a like quantity of non-defective product, or refund of the purchase price of the material. All labor and service charges which may be incurred with respect to either the original or replacement product are excluded. ReWall shall have no liability except where the claim results solely from breach of ReWall's limited warranty. ReWall shall not be liable for any incidental or consequential damages resulting from the purchase or use of ReWall products. Furthermore, ReWall shall not be liable for damage to the property to which any ReWall product is applied or its contents, loss of time, profits, or any inconveniences arising out of any breach of this limited warranty or obligations under this limited warranty. ReWall shall not be liable for damages which are based on negligence, breach of warranty, strict liability, or any other theory except as provided for in the Limited Warranty above. Incidental and consequential damages shall not be recovered even if the replacement remedy fails of its own purpose or for any other reason.

