

# Kelly Green Board

Kelly Green Board is unique composite panels made of 100% recycled material. The content is shredded and compressed, giving the user a sustainable and superior performing product. Kelly Green Board is made of a water resistant core and surfaced either with paper or coated fiberglass facer. Custom size boards are available upon request.

## Physical Properties

Properties	1/4"	1/2"
Width	4' ± 1/8"	4' ± 1/8"
Length	4' to 9' ± 1/4"	4' to 9' ± 1/4"
Thickness	1/4" ± 1/16"	1/2" ± 1/16"
Weight	1.00 lbs./sf	1.80 lbs./sf
Flexural Strength	52 lbf max load	78 lbf max load
Compressive Strength	3,900 PSI	3,900 PSI
Permeability	< 1.0 Perms	< 1.0 Perms
Mold Resistance	10 out of 10	10 out of 10
Toxicity	No VOCs	No VOCs
Pieces per Unit	Up to 100	60
Flame Spread (ASTM E108)	CLASS A	CLASS A

## Features

- \* Maximum LEED Points - Up to 100% Post-Consumer Up cycled Core
- \* Maximum Bond in Adhered Systems
- \* Class 2 Vapor Retarder
- \* Moisture Durable, Non-Soluble Core
- \* Hail Resistant
- \* Will not Crack or Disintegrate
- \* Superior R-Value (R-1 at 1/2")
- \* Excellent Sound Insulation Properties
- \* Lightweight
- \* Strong CLASS A in ASTM E108 for TPO, EPDM, PVC, and Asphalt Emulsion
- \* Available in Custom Sizes
- \* Cover Roofs Easier, Faster, Cleaner, and Healthier

## Applications

- \* Overlayment/Cover Board
- \* Underlayment
- \* Reroof/Recover Board
- \* Separator Board
- \* Vapor Barrier Substrate
- \* Substrate for Self-Adhered Systems

## Limitations

As with comparable building products Kelly Green Board should be exposed to moisture for short periods of time. The roof cover board is not intended for application other than specified.



Kelly Green Board, LLC

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## 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 the manufacturing of traditional material we replace. We use no formaldehyde glues, water or hazardous chemicals. We try hard to recycle composite materials (cartons) and up cycle them into very durable, moisture and mold resistant composite panels. Our products improve air quality because they emit no VOCs. Recycled and recyclable, KGB can be used to gain easy LEED and NGBS certification. Many call us resource efficient.

Kelly Green Board is used in re-roofing over an existing ballasted membrane over EPS insulation. The "Kelly Green Board" is a UL Class A Fire Barrier and Weight Cover Board for a new waterproofing membrane.

