








Kelly Green Board:

Kelly Green Board is a roof cover board that is a unique composite with a core made of 100% recycled material. It is a sustainable alternative to gypsum and high-density poly-iso cover boards. The composite board is a blend of recycled household materials such as LDP plastic bags, food/juice cartons, etc. claimed from post-industrial/post-consumer waste streams, as well as pre-consumer/post-industrial PVC roof membrane production scrap such as trimmings and reinforcement “fluff.” The content is shredded, and heat compressed, giving the construction industry a sustainable and structural board. The Kelly Green Board is available with coated fiberglass facers or coated paper facers. It is available in 3/8” and 1/2” thickness in 4’ x 4’ and 4’ x 8’ sizes.





Often referred to as either a cover board, hardboard, or roof board, these high-compressive strength boards are widely used on commercial roofs to protect the insulation below it from excessive foot traffic, hail and can improve puncture, fire, and wind resistance of the roof system.




























Key Features & Benefits:

				
Fire	Compressive Strength	Moisture Resistance	Puncture & Impact Resistance	Wind
Superior fire resistance compared to polyiso HD and equal to or better than gypsum. UL class A combustible decks unlimited slope with PVC membrane.	A structural sheathing with superior compressive strength (similar to plywood) compared to polyiso HD, gypsum boards, and wood fiber.	Excellent moisture resistance compared to all roof boards and insulation i.e., gypsum, plywood, OSB wafer, etc.	Excellent puncture and impact resistance from hail, foot traffic, and wind-blown debris.	Exceptional fastener and plate pull through strength. Increases wind uplift resistance of the roof assembly. Half as many fasteners are required in comparison to polyiso board.



Roof Cover Board Comparison:

Best 
 Better 
 Good 
 Negative 

Attributes	Kelly Board	Gypsum	Polyso HD
Compressive Strength			
Fastener/Plate Pull-Through			
Fire			
Moisture Resistance			
Puncture/Impact/Crack Resistance			
Recycled Content			
Recyclability			
R-Value			
Sound Absorption			

Sustainability Attributes of Kelly Board:

- Core contains 100% recycled content
- Reduces landfill waste
- It can be recycled at the end of its service life (gypsum, poly-iso, wood fiber, plywood, etc. typically can't be recycled)
- One of the few structural construction products that can be recycled in a truly closed-loop process
- Excellent compressive strength and fire resistance
- Perfect for supporting rooftop solar and resisting hail damage



Kelly and Sika, A Singular Sustainable Roofing Solution:

Sika Corporation's roofing division has partnered with Kelly Green Products as both a supplier and a reseller. Kelly incorporates pre-consumer/post-industrial content from Sika's PVC membrane production as well as end of life post-consumer food cartons and plastic bags into the Kelly Green Board. In addition to the obvious benefit of preventing PVC materials from ending up in a landfill, the PVC content enhances the overall performance of the board. A win, win, win for everyone involved. For every 100 square feet of roofing installed with the Kelly Green Board and Sika PVC membrane, approximately 190 lbs. of waste are diverted from a landfill.

