



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 and 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.

Physical Properties:

Product	1/4" QB	1/2" HB
Width	4' ±	4' ± 1/8"
Length	4' to 8' ±1/4"	4' to 8' ±1/4"
Thickness	1/4" ±1/16"	1/2" ±1/16"
Weight	1.00 lbs./sf	1.80 lbs./sf
Flexural Strength	52 lbs. max load	78 lbs. 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 VOC's	No VOC's
Pieces per Unit 4'x8'	Up to 64	Up to 32
Spread of Flame ASTM E108	Class A Unlimited Slope*	Class A Unlimited Slope*

**Class A achieved with PVC Roof Covering*

Applications:

- Overlayment/Cover Board
- Underlayment
- Reroof/Recover Board
- Separator Board
- Vapor Barrier Substrate
- Substrate for Self-Adhered Systems
- Air Barrier
- Hail Resistant
- Sound Barrier
- Water Resistant
- Wind Blown & Debris Resistant
- Foot Traffic Resistant
- Solar Substrate

Features

- Closed-loop recycling process
- Core contains 100% recycled content
 - Post - Consumer
 - Pre - Consumer
- Contributes to LEED credits
- Excellent compressive strength
- Strong bond in adhered systems
- Excellent fire resistance UL Class A
- Class 2 vapor retarder
- Excellent moisture resistance
- Resistant to cracking or disintegrating
- Excellent puncture and impact resistance
- CLASS A for ASTM E108 roofing
- Excellent sound-insulating properties
- Available in custom sizes 2'x4' ; 4'x4'; 4'x8'

Fire Protection

Kelly Green Board protects from fires in two important ways. Fires that start on the roof are blocked from burning through to the interior of the building and fires that start on the interior of the building are prevented from burning through to the roofing system.

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