



VS. The Alternatives

The Old Definition of “Green” only included whether a product was biodegradable or recyclable.

The New Definition of “Green” encompasses the product’s complete life cycle or “Cradle to Grave”.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the nationally accepted benchmark for the design, construction and operation of high performance green buildings. The Building for Environmental and Economic Sustainability (BEES) model takes into consideration the entire life cycle costs of a product.

Life Expectancy

Duradek	20 Years
P.T. Wood	10 Years

Duradek vs. Pressure Treated Wood

In California alone, an estimated 30 million cubic feet of treated wood will be removed and disposed of per year. Unlike pressure treated wood, Duradek won't leach chemicals into the environment.



Installation Steps

Duradek	1 Step
Liquid Coatings	3 - 5 Steps

Duradek vs. Liquid Coatings

Liquid coatings need to be re-applied every three to five years Duradek has less installation steps and requires minimal trips to the jobsite.



Weight

Duradek	190 lbs
EPDM & Pavers	4400 lbs

Duradek vs. EPDM & Concrete Pavers

Due to the weight of pavers (overlay system), huge amounts of energy are consumed in the transportation, installation, and removal of these materials. Additional structural requirements are also need to support the extra weight.



Dr. Patrick Moore, environmentalist and former president of Green Peace Canada has promoted the many benefits of PVC compared to the alternatives.

PVC Blacklisted?...NO!

As per US Green Building Council, which concluded that “PVC is not as toxic as thought and no worse than other materials in a life cycle comparison.”

Where it was once believed that dioxin-emitting PVC was extremely toxic, it has been shown that dioxin levels are very small. In fact, dioxin levels in the environment have been declining whereby production and use of vinyl have soared.

High quality PVC is safe - as evidenced by its many uses such as blood bags, tubes and gloves in hospitals, bottles and food containers, and even the pipes carrying drinking water to our homes.