



“PVC / vinyl windows and doors are **THE GREENEST CHOICE**” says Greenpeace co-founder Dr. Patrick Moore

There are so many reasons why vinyl (PVC) makes for superior doors and windows, not the least of which are environmental. From beginning to end, PVC has **ONE OF THE SMALLEST CARBON FOOTPRINTS** of all comparable building materials. Vinyl is one of the world’s most versatile plastics and is used to make everything from medical devices to flooring.

Vinyl is widely used for building and construction because it is **strong, resistant to moisture and abrasion, will not rot or corrode, does not require painting and can be cleaned with mild cleaning products.** It is ideally suited for windows/doors, pipes, cladding, fencing, decking, roofing, wallcoverings and flooring. There is little waste: “Virtually all of the vinyl is converted into product,” says Dr Patrick Moore. “The scrap, trim and off-spec material is recycled from the vinyl production process. This adds up to more than 1 billion pounds per year. This means that 99% of all manufactured vinyl is made into products – not sent to landfills.”

Vinyl is largely derived from salt via chlorine, an abundant and inexpensive resource. While some, such as Greenpeace, denounce chlorine, Dr. Moore, a founder of the group who later left in part due to his science-based understanding of the benefits of chlorine says, “Chlorine is the most important element in the periodic table for public health and medicine. It purifies our drinking water and contributes to many of our prescription medicines, thereby preventing the spread of disease.”





PVC windows and doors come out way ahead on conserving energy. **ENERGY STAR**® certified products like vinyl windows/doors are **guaranteed to be energy efficient, saving on heating and cooling** costs for the consumer.

When installed and maintained properly, PVC/vinyl windows and doors promise a long and reliable service life including energy savings for the consumer.

“Vinyl windows are the number one choice in the residential new home construction and replacement market due to their ability to provide consumers with both environmental and economic benefits – energy efficiency, low maintenance and exceptional durability.” Dr. Moore says.

“Recent life-cycle studies show the health and environmental impacts of vinyl building products are comparable to or less than the impacts of other competing products,” says Dr. Moore, who advises organizations on sustainability. **“PVC/vinyl windows are so durable and long-lasting that the vast majority of them installed over the past two decades are still in use and therefore not yet eligible for end-of-life or post-consumer recycling.”** However, when PVC windows/doors come out of service – like all polyvinyl chloride products – they can be recycled. Vinyl windows perform favourably in terms of energy efficiency, thermal-insulating value and have low contribution to greenhouse gases. Since PVC/vinyl windows and doors are lighter in weight, transportation costs are also lower.”

The Canadian Plastics Industry Association is the national voice of Canada’s plastics industry, representing the interests of processors, material suppliers, equipment manufacturers, recyclers and brand owners across the country.

Dr. Patrick Moore:

Vinyl, safe for the environment:

<http://www.youtube.com/watch?v=UqdbTbeWDUg&feature=related>

