



ChamClad®
What is Rigid PVC?
Why Recycled?
The Films We Use



What is PVC?

Polyvinyl Chloride (PVC) is a low-carbon plastic made from two natural raw materials: SALT & PETROLEUM (or Natural Gas). It becomes PVC after a series of chemical processes. PVC is the second largest volume of plastic produced in the world largely for its versatility, stability, durability, resistance to chemicals and exceptionally broad range of properties that work in many industries.

When compared with metal or glass products used in similar applications, PVC has minimal environmental impact in terms of CO2 emissions and contributes to energy efficiency through low thermal conductivity.

Uses For PVC

PVC can be found in virtually every home and industry

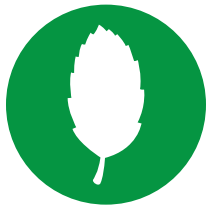
- CONSTRUCTION: Siding, Cladding, Pipes, Wire, Downspouts, Cable, Flooring, Wall coverings, Windows, Doors, etc.
- MEDICAL: surgical gloves, blood and IV bags, Tubing, etc.
- CONSUMER GOODS: Toys, Sporting goods, Footwear, Patio furniture, Garden hoses, etc.
- With Many More Uses!



Why Recycled PVC



Recycled PVC diverts waste from landfills and yields significant energy savings during production.



Our recycled window profile PVC is post-industrial (pre-consumer PVC) which means it is contaminate-free, processed in house, and never leaves the factory.



Our PVC is **MADE, RECYCLED, & SOURCED IN CANADA** – we proudly support Local Businesses in North America



Our Cladding system uses recycled PVC in everything we offer. Custom lengths can be ordered resulting in less waste on the job site and reduces the total amount of trims required. Our Products are LEED Compliant.



Our Recycled PVC comes from window profile manufacturers. PVC granulates in the production of high-quality PVC and can be reused up to seven times!

RIGID PVC is a very strong construction material. It is also inherently flame retardant which is one reason it is used in the construction industry. PVC is difficult to ignite and will not continue to burn without a flame source. Rigid PVC ignition temperature is 736 degrees Fahrenheit which is significantly higher than many other construction materials. The auto ignition of rigid PVC is 849 degrees Fahrenheit.

PVC is also impervious to water absorption, bacteria and mold. RIGID PVC has a high impact resistance and is light weight.



BASF
We create chemistry

**2021 BASF Canada:
Customer Sustainability
Awards Programme**

**Special Mention:
SMALL BUSINESS SUSTAINABILITY
LEADER**

*BASF Canada recognizes
ChamClad By Chameleon
for your contribution as a Small Business
Sustainability Leader*

In 2021 BASF Canada launched their Customer Sustainability Awards Program recognizing Companies demonstrating strong leadership in building a sustainable future.

We are proud and excited to have our innovative sustainability strategies recognized by this Award in the Small Business Sustainability Leader sector and will continue integration of these goals into our business strategies.

Why Use Our Films?

Our films can also be recycled, meaning that ChamClad® panels can be recycled without the need for further treatment. For this reason, ChamClad® panels are the first choice for Durability and Sustainability.

The climate near salt water and inland waters can be considered moist and harmful to some building materials. ChamClad's® film finishes are resistant to sodium chloride (salt) and mineral water. These elements will not harm our finishes, provided there is enough time and space to dry off.

Our finishes also feature Heat Reflective Technology, which reduces heat absorption and prevents warping or oil canning on all colours – especially our darkest colours.

Our films are made with a bottom layer of PVC as well as a PMMA and PVDF overlay. Due to this layering technology, the films expand and contract with our PVC profiles, resulting in no stress or delamination.

Additional advantages:

Anti-Graffiti Properties – easily cleaned

UV Resistance – limits fading

Textured Film – offers a realistic finish and feel

Over 35 years in the Exterior Market

Film Thickness is 200 µm +/-10%

Scratch and Chemical Resistance

Stability in pattern and embossing

When you are looking for the right blend of value and performance, ChamClad® is the perfect product choice.



Our **Sustainability Promise** is Low Waste Manufacturing, Low Waste Packaging, and a Superior Recycled Cladding System. Our goal is to wrap for a better planet, one PANEL at a time, because “Development made Sustainably” is our Future!



The Value!

Ease of Maintenance with ChamClad® Exterior Wall Panels

Because of our protective top film layer, rain will clean most dirt and debris from ChamClad® wall panels. You may have to do a simple cleaning with a soft cloth or sponge and a neutral detergent, soap, or a liquid cleaner (in non-concentrated form); however, further maintenance is not required. The use of a garden hose and soft wash brush is also an acceptable method of cleaning. When removing paint, or stucco, from our panels - do not use solvents - soap and water is all that is needed. Harsh chemicals can damage the protective layers in the film.

Our Textured Woodgrains and Brushed Metallic films are some of the most realistic in the cladding industry. Woodgrain patterns are very carefully selected when packaged, and the result is reduced repeat patterns, giving a realistic and natural woodgrain look.

The technology behind our films has been used for over 35 years in the Exterior Industry. Our finishes were created for the toughest environments around the globe. With little to no maintenance, our panels give the comfort of longevity.