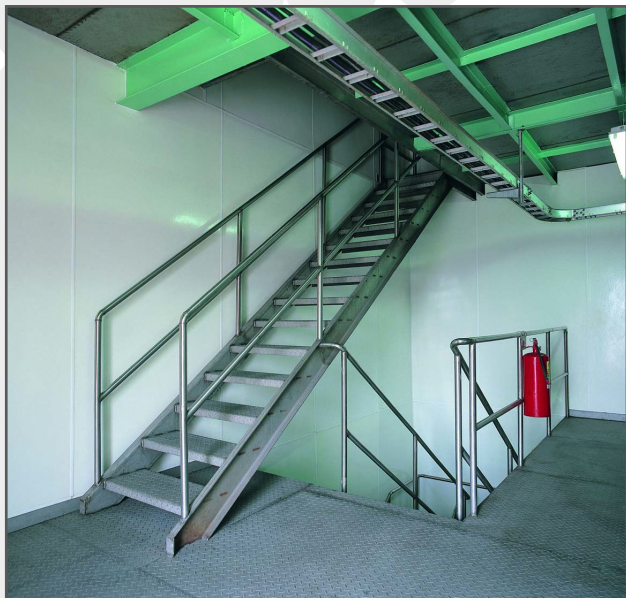


**FIBER GLASS RE-INFORCED
WALL SHEETS**



WAREHOUSES



RESTAURANTS

FRP WALL SHEETS

FRP Wall Sheets

Fiber Glass Re-inforced Wall Sheets



416.291.3036 • 416 291 3040

416 299 4236 • 416 551 7992

Toll Free: 1-866-399-4835

info@canada-plastics.com • www.canada-plastics.com

100 Dynamic Drive, Units 5-7, Scarborough, ON M1V 5C4



SCHOOLS



HOSPITALS

Quality, reliability and innovation

Canada Plastics, with more than 20 years of experience, is one of the most popular distributors of Fiberglass Reinforced Panels (FRP) in Canadian Market with a wide variety of stock and fastest turn around time.

Our mission is to offer added value products with the highest quality standards, competitive pricing and best customer service of the industry. Canada Plastics FRP meets many of today's demanding applications that require

high sanitation needs. These applications range from restaurants and supermarkets to restrooms and storage areas. Canada Plastics FRP Sheets are made using special type of high strength polyester resin combined with fiberglass reinforcement to produce liner panels offering superior quality and durability. The result is a panel with a resin rich surface that is tough, strong and easy to clean. We also Sell FRP Sheets in Roll Form for easy handling and option of having different lengths.



KITCHENS

RETAIL STORES

HOTELS

 **CANADA**
PLASTICS & BELTING
WHOLESALE PLASTIC DISTRIBUTOR

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FRP Wall Sheets

Wall Panels

Resin rich surfaces that are tough, strong and easy to clean.

Maximum Sanitation Protection

- Meets CFIA and USDA Standards
- Maximum sanitation protection
- Significant cost savings over other materials

Excellent Quality

- Years of dependable performance
- Resin rich surface that is tough & easy to clean
- Meets today's high sanitation standards



Moisture Resistant

- Does not support mould or mildew
- Will not rust or corrode

Highly Impact Resistant

- Extremely high strength to weight ratio
- Tough surface that resists shattering, scratches and abrasions

Outstanding Cleanability

- Cleans with regular detergents and water

Wall Panel Specifications

FRP is available in the following sizes:

Series	Nominal Thickness
1600	.125"
1200	.090"
180	.060"
160	.045"
150	.035"

Width Standard 4 Feet and 5 Feet
Length 8, 9, 10 and 12 Feet

FRP Wall Sheets

Wall Panels

Low Cost Installation

- Easy to handle and install in any type of construction, and over any type of existing wall surface
- No special tools needed
- More economical than stainless steel or ceramic tile

Improved Chemical Resistance

- Resists stains
- Rust proof - will not corrode
- Minimum maintenance and never needs painting



Superior Flexibility

- Panels are flexible enough to lay flat, allowing a better fit into areas with close tolerance seams

Custom Designed Liner Panels

- Available in 5 different standard panel thicknesses
- Shipped in standard 4 foot width and in 8, 9, 10 and 12 foot lengths

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- **Fire Ratings:** FRP products are available on multiple fire ratings, such as Class C (general purpose) and Class A (fire retardant).

Typical Physical Properties for .090" Contractor Grade

Property	Test Method	Unit	Class C General Purpose Result	Class A Fire Retardant Result
Flexural Strength	ASTM D-790	PSI	17,000	10,000
Flexural Modulus	ASTM D-790	PSI	6.0 x 10 ⁵	3.1 x 10 ⁵
Tensile Strength	ASTM D-638	PSI	8,000	7,000
Tensile Modulus	ASTM D-638	PSI	9.43 x 10 ⁵	3.1 x 10 ⁵
% Elongation	ASTM D-638	%	1.20	1.80
Water Absorption 21 °C @ 72 hrs.	ASTM D-570	%	0.17	0.72
Izod Impact Strength	ASTM D-256	ft.-lbs./in.	7.0	7.16
Coef. of Linear Thermal Expansion	ASTM D-696	in./in./°F	2.22 x 10 ⁻⁵	2.39 x 10 ⁻⁵
Barcol Hardness	ASTM D-2583	Avg.	30	35
Specific Gravity	ASTM D-792	N/A	1.6138	1.5743
Abrasion Resistance	TABER	% WT Loss	0.293	0.391
Flash Ignition Temp.	ASTM 1929	°C	430	400
Self Ignition Temp.	ASTM 1929	°C	450	430
Flame Spread	ASTM E-84	N/A	≤200	≤25
	ULC S102	N/A	≤150	≤25

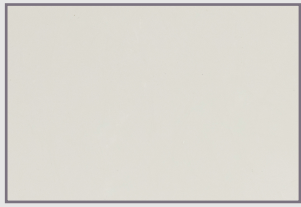


Storage Recommendations

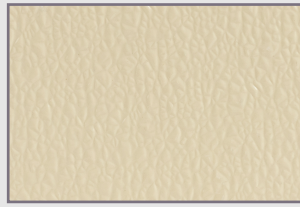
- Store panels indoors in a cool, dry, well-ventilated area
- Panels should be stacked on skids not more than 5 skids high
- Do not allow moisture to collect on or in-between panels



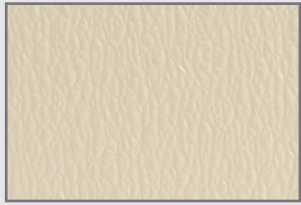
Colour Selections



Bright White



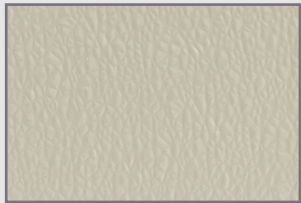
Almond



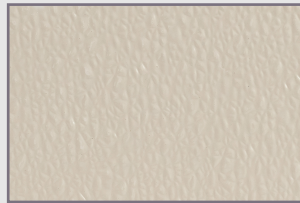
Ivory



Beige



Light Gray

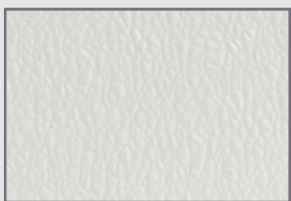


Silver

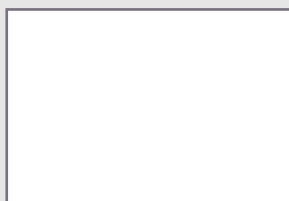


Black

Two Surface Finishes



Traditional
pebbled finish



Premium
Gel Coat

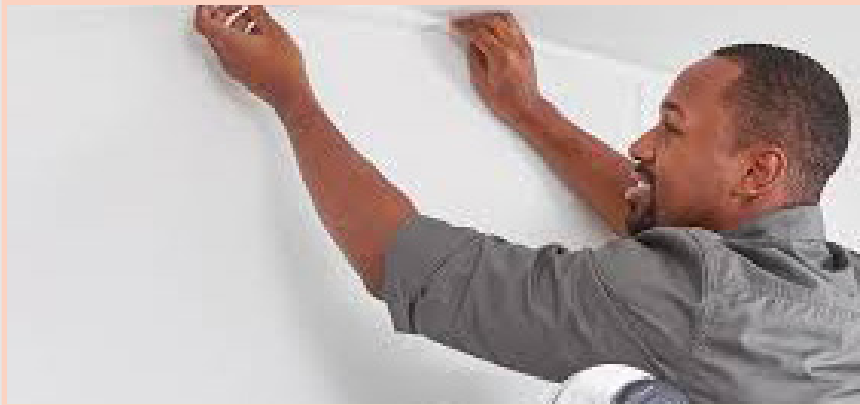
Installation Instructions

Safety:

- Use eye protection.
- Wear filter mask to cover nose and mouth, especially when cutting.
- Use manufacturer's recommended sealants and adhesives.

Tools Needed:

- Power or hand saw (fine tooth or carbide blade)
- Power or hand drill (carbide tip recommended)
- Carpenter's square
- Hammer, tape measure and level
- Adhesive and notched trowel
- Silicone sealant and caulking gun
- Vinyl mouldings and 3/4" nylon fasteners



Preparation:

- It is important to store FRP flat, on a clean, dry surface for 24 hours before installation. It is preferable to store them inside the actual area of installation or, at least, under similar climate conditions.
- Walls must be clean and free of all substances.
- Level any high or low spots on walls. Concrete block walls may require a leveling coat of plaster or other similar material.

Installation of FRP Laminated Panels, in any application, should be approved by local building code officials before panels are ordered. We cannot ensure local code compliance in any or all situations. **NOTICE:** Panels and components made of fiberglass (FRP), wood, vinyl or foam may be combustible. **DISCLAIMER and LIMITATION of Liability:** The information contained in this literature is presented in good faith, and is believed to be accurate and reliable at time of publication. No representation, guarantee or warranty is made as to the completeness, reliability or accuracy of this information. This also includes NO IMPLIED WARRANTY OR MERCHANTABILITY OR FUNCTIONAL USE FOR SPECIFIC APPLICATION.

Cutting FRP for Floor to Ceiling Heights of 8 Feet or Less:

- Subtract 1/2" from height measurement to allow for expansion.
- Allow for 1/8" expansion gap around pipes and other projections.

Drilling Fastener Holes:

- Pre-drill fastener holes before applying adhesive.
- Fastener holes should be slightly oversize to allow for normal expansion and contraction.
- Drill holes no further than 8" apart and 1" from outside edge, 16" apart on intermediate and on 16" centers.



Installation reminders:

1. Follow safety and fire guidelines during installation and use of panels.
2. First panel installed should be set true with plumb line.
3. Wall must be clean and flat.
4. Use mouldings, silicone, nylon rivets and adhesive for best installation.
5. Apply adhesive per manufacturer's instructions.
6. Install panels and mouldings.
7. Seal edges and mouldings.
8. Remove excess silicone.
9. Clean panels after installation with light detergent.

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Accessories



Inside Corner



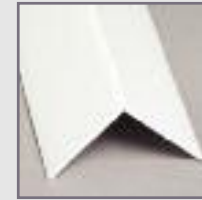
End Cap



Divider Bar



Outside Corner



Outside Corner Angle



Nylon Rivets



FRP Adhesive

Applying Adhesive

- For best installation, combine adhesive and nylon fasteners.
- FRP should never be installed on uneven walls using only adhesive.

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OTHER PRODUCTS

Awnings Doors and Windows

Polycarbonate Corrugated Panels

Polycarbonate Lexan Solid Sheets

Aluminum Composite Panel

ABS Plastic Sheets

White Acrylic Sheet

Black Acrylic Sheet

Plexiglass Acrylic Sheet

Mirrored Acrylic Sheets

PVC Strip Curtain

Frosted Acrylic P95 Sheet

Coroplast Sheets

PTFE® Mesh Conveyor Belts

PTFE® Adhesive Tapes

PTFE® Band Sealers

Nylon Rods and Sheets

Acrylic Rods

Sneeze Guard

FRP Wall Sheets

HDPE Cutting Board

FRP Wall Sheets
Fiber Glass Re-inforced Wall Sheets



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