

		FRP vs Jemiclad	
	FRP		Jemiclad
Size	4 x 8, 4 x 10, 4 x 12		4 x 8, 4 x 10, 4 x 12
Thickness	2.286mm or 9/10" 0.090		1.7mm - 1/16" -2.5mm or 0.098
Surface Finish	Textured or smooth		Smooth
Warranty	1- 2 years depending on manufacturer		20 years
Fire Rate	Fire rated - not standard		All Jemiclad products are a Standard - ASTM E84 Class A & Class 1 flame spread/ class zero smoke
Installation	1 piece Trim assembly		Weld (Heat/SpeedFlex) or 2 part Trim assembly
Chemical Resistant	basic low ph cleaners		Yes. high ph and can be coated for highly cosmic chemicals
Quality Assurance			Removable film provides protection during shipping, paint over spray and concrete splashing during construction
Cleanability			Film on sheets and trims is easily removed once construction is completed and provides a pristine wall panel system
			Smooth surfaces provides a easily clean surface and allows the two parts trims and gaskets to make a 100% positive seal
			Wash with all your favourite generic cleaning chemicals. Before using harsher chemicals read the chemical resistance spreadsheet.
			• Do not use abrasive cleaners, wire wool or pads. • Use a soft cloth.
Additional Charateristics			Radius corners - provide safer work environment by eliminating hard corners or stainless steel corner guard (saves \$\$)
			Because pre formed inside and outside corners it reduces the need for drywall corner bead (saves \$\$)
			Jemiclad or Frp glue can be used. However other than fire rated walls drywall taping is not necessarily required (saves\$\$)
			—if contractor chooses to drywall tape the walls we request only one smooth coat un sanded (saves \$\$)
Contraction & Expansion	yes up to 1/4" across 48" if temp temp change of 20'C or 68'F		NO
Ceiling Tiles	Not Applicable		custom order 2 x 4 & 2 x 2 (washable) in all colours.
			Sureclad can be added to existing ceiling tiles if weight is required for return air plenum or positive room pressure
There are three types of Frp. PIF, which is usually non-UL or ULC certified. There is PCAN which is available in class C or class A and may be UL/ULC certified			
All Jemiclad is UL / ULC certified. All Jemiclad is class A fire rated and has a smoke rating of zero. Sureclad is our entry level product that competes directly with PCAN class A FRP is Very expensive and does not have all the other benefits you find with Jemiclad products, however Jemiclad prices are more comparable to non-certified non-rated, outdated, class C FRP			
All Frp trims requires an un glued floating space for the FRP expansion and contraction to ensure the sheets do not do laminate. Although it looks good this is one of the weakest points for moisture and pests in FRP.			
Jemiclad trims are two-part trims with a neoprene gasket for waterproofing and pest free application. Jemiclad trims are installed tight with no spacing required for expansion, and can even be glued in place for a better, tighter finish			
This is because PVC does not have substantial expansion or contraction and the small amount (if any) is absorbed across the whole sheet ensuring positive adhesion. This also drastically reduces de-lamination issues from temperature changes.			
Frp regardless of what brand is not UV stable and tends to yellow and change colour in direct sunlight or bright UV light sources			
Jemiclad is all UV stable and will not change colour regardless of what it is exposed to including chemicals and increased CO2 levels (cannabis grow facilities, vertical farming and greenhouses)			
90° corners	Frp uses a substandard one part inside or outside trim.		Jemiclad can be custom bent on site for any radius corner ensuring maximum seal and clean ability
Long radius corners	NO		Jemiclad can be custom bent healthcare approved, watertight, pest free inside and outside corners.
			Jemiclad offers pre formed 3" x 3" by full height inside and outside DIY corners for all contractors who do not own a bender.
Custom trim work	NO		Jemiclad two-part trims can be moulded just like the sheets for continuous seal even around corners
weight	4x10 frp -25 lbs		4x10 Sureclad 1220mm x 3000mm x 1.8mm is 18 lbs and 2.5mm Pro is 21 lbs per panel